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JOY and
PRIVILEGE
of a **SURGICAL**
CAREER

October 21–25

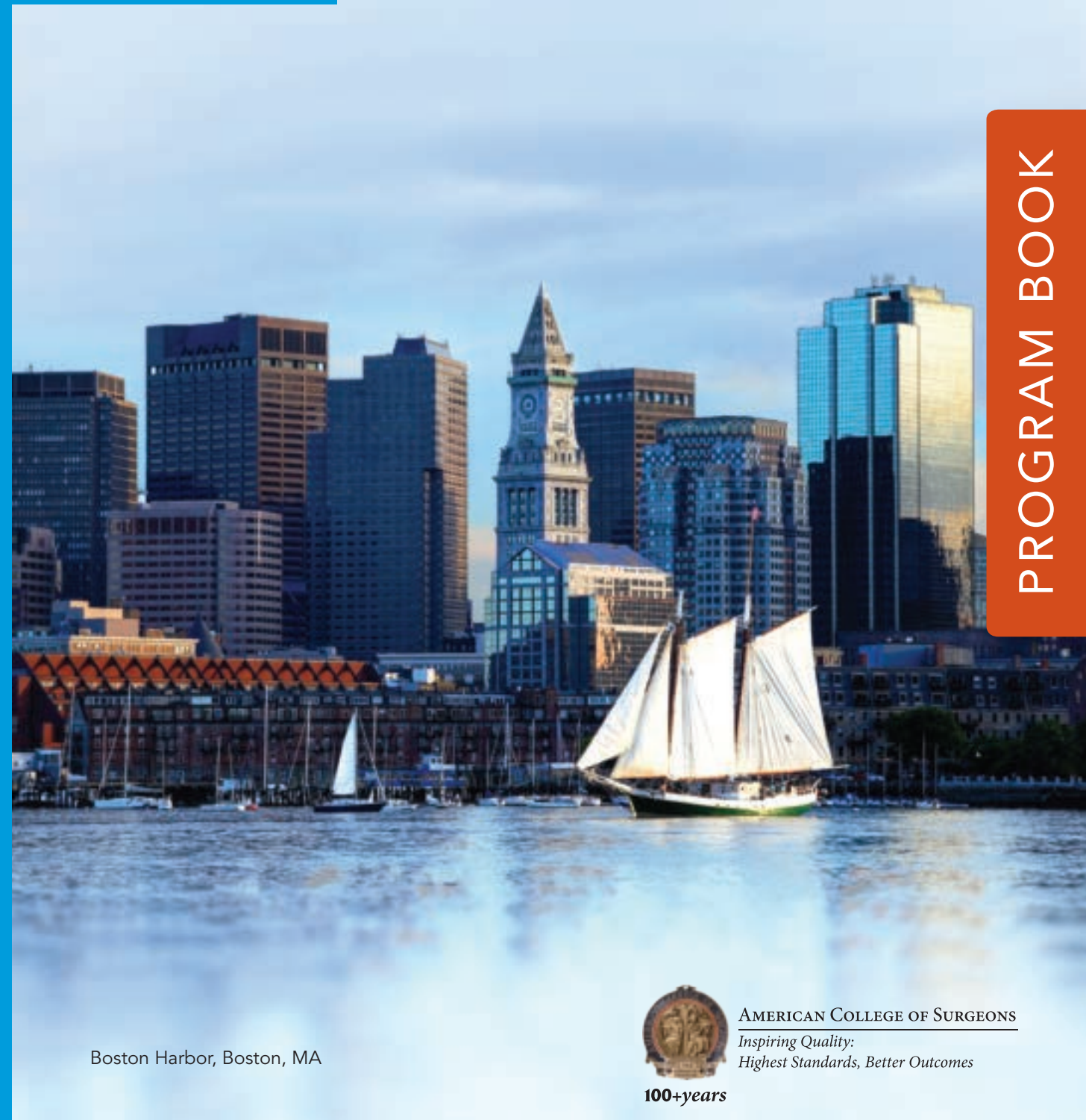
CLINICAL
CONGRESS **2018**

The Best Surgical Education. All in One Place.

Boston Convention & Exhibition Center. **Boston, MA**

CLINICAL CONGRESS 2018

PROGRAM BOOK



PROGRAM BOOK

Boston Harbor, Boston, MA



100+years

AMERICAN COLLEGE OF SURGEONS
Inspiring Quality:
Highest Standards, Better Outcomes

Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to extend to you a warm welcome to the 2018 Clinical Congress of the American College of Surgeons (ACS).

We are very excited about meeting in Boston, MA for the first time in more than 65 years. The Clinical Congress is the premier annual professional education and training meeting for surgeons worldwide. It offers an array of outstanding learning opportunities firmly rooted in cutting-edge science, state-of-the-art surgical practices, and contemporary principles of surgical education and continuous professional development. Our goal is to continually introduce innovations in the program to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.

The 2018 Clinical Congress Program covers a broad range of critical topics across the breadth of surgery and includes 11 Named Lectures, 120 Panel Sessions, 15 Didactic/Experiential Courses, 13 Surgical Skills Courses, 31 Video-Based Education Sessions, 43 Meet-the-Expert Sessions, and 14 Town Hall Meetings. The Clinical Congress Program should help you address your specific educational needs based on your surgical practices, interests, and evolving regulatory requirements.

Important features of the 2018 Clinical Congress Program include:

- Named Lectures delivered by nationally and internationally renowned experts
- Panel Sessions focused on cutting-edge advances and timely topics
- A variety of important Didactic and Skills Postgraduate Courses
- Presentations of the latest scientific advances in surgery
- Certificates for achieving specific levels of verification through participation in Didactic and Skills Courses based on the Division of Education's five-level Verification Program
- The Clinical Congress App for planning individual schedules and claiming Continuing Medical Education Credits

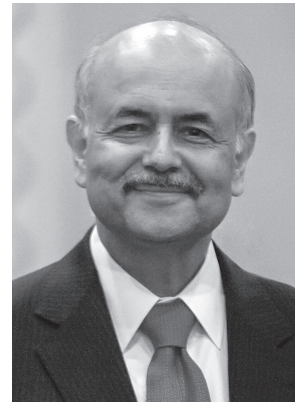
We are extremely grateful to the Members of the Clinical Congress Program Committee, Advisory Councils, and Standing Committees who have made extraordinary contributions to the 2018 Clinical Congress. We encourage you to take full advantage of this outstanding educational opportunity!

Henri R. Ford, MD, MHA, FACS, FAAP, FRCSEng(Hon)
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCSC
Director, Division of Education



Dr. Ford



Dr. Sachdeva

Program Committee of the American College of Surgeons

The Program Committee is responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 21-member committee, more than 40 liaison members represent the various disciplines and groups in surgery.

CHAIR:

Henri R. Ford, MD, MHA, FACS, FAAP, FRCSEng(Hon), *Miami, FL*

VICE-CHAIR:

David T. Cooke, MD, FACS, *Sacramento, CA*

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CONSULTANTS:

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ACS STAFF PLEDGE TO THE SURGICAL COMMUNITY

WE AFFIRM THAT THE CLINICAL CONGRESS IS THE PREMIER EDUCATIONAL AND NETWORKING EVENT IN SURGERY. WE WILL LEVERAGE OUR EXPERTISE TO ENSURE ITS SUCCESS AND HELP THE SURGICAL COMMUNITY PROVIDE THE BEST PATIENT CARE. WE WILL DO THIS BY CONTINUALLY IMPROVING THE EXPERIENCE AND EXCEEDING YOUR EXPECTATIONS.

General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of Members and shall include the Convocation (*Bylaws*, American College of Surgeons [ACS], Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Goal

The Clinical Congress is designed to provide individuals with a wide range of learning opportunities, activities, and experiences that will match their educational and professional development needs.

Objectives

By the conclusion of Clinical Congress, participants should be able to:

- Apply new knowledge and ideas to improve their surgical practice
- Adapt concepts and quality measures in support of research advancements
- Enhance the quality of patient care

Photo/Video Release Statement

All persons attending American College of Surgeons events may be photographed or recorded, and the photos and recordings may be used for news, educational, marketing, or other purposes. Your registration for this event signifies your consent to this use.

Continuing Medical Education

CME Credit Claiming

On-site claiming of Continuing Medical Education (CME) credit for nonticketed sessions will be available at the MyCME booth and kiosks located throughout the Boston

Convention & Exhibition Center. Claims for CME Credit for this event will be accepted until December 1, 2018. Residents and Allied Health professionals are eligible for a Certificate of Completion.

Please note: Being scanned into a session does not complete the CME Credit claiming process.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 47.5* AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

* A maximum of 38 credits are available for nonticketed sessions.

Self-Assessment Credit, Credit to Address Regulatory Mandates, and Credit to Address ACS Accreditation/Verification Requirements are also available for most sessions and courses.



AMERICAN COLLEGE OF SURGEONS
DIVISION OF EDUCATION

AMERICAN COLLEGE OF SURGEONS DIVISION OF EDUCATION

Accredited with Commendation by the Accreditation Council for Continuing Medical Education

Self-Assessment Credit

Self-Assessment Credit will be available for most sessions and courses. The process for earning Self-Assessment Credit is voluntary and is not a prerequisite to claiming CME Credit. Participants are strongly encouraged to complete their self-assessment posttests as soon after attendance as possible. The final deadline is December 1, 2018. For more information regarding your individual requirements, contact the American Board of Surgery at (215) 568-4000 or www.absurgery.org.

Credit to Address Regulatory Mandates

Some state licensing boards or health agencies have established specific content requirements for CME Credit. State requirements might include Ethics (E), Palliative Care (PA), Opioid/Pain Management (OPM), Risk Management (RM), and Patient Safety (PtS). In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Address Regulatory Mandates**. When claiming

CME Credit for these sessions, individuals can elect to include the **Credit to Address Regulatory Mandates**, and it will be documented as part of their CME Certificate and Clinical Congress Transcript. Individuals *must* check with their state or local medical board to verify that the content does meet the specific requirements.

Credit to Address ACS Accreditation/ Verification Requirements

Institutions that are accredited or verified by the ACS require staff to earn credits in applicable content areas – Bariatric Surgery (MBS), Breast (BST), Cancer (C), Pediatric Surgery (PEDS), and Trauma (T) – in order to meet compliance and site survey requirements. In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Meet ACS Accreditation/Verification Requirements**. When claiming CME Credit for these sessions, individuals can elect to include the **Credit to Meet**

ACS Accreditation/ Verification Requirements, and it will be documented as part of their CME Certificate and Clinical Congress Transcript. Individuals *must* check with their hospital or specific ACS accreditation office to verify that the content does meet the specific requirements.

Certificates

CME Certificates are available online following completion of the session evaluations and the Global Evaluation. Go to www.cme.facs.org and log in using the REG ID number on your badge and your last name. After logging in to the website, a participant may access the Clinical Congress 2018 CME Certificate along with a transcript of all sessions completed. To earn a Verification Level II or III for many of the Postgraduate Courses, additional requirements apply. Certificates of Completion are available for all attendees at www.cme.facs.org. For additional information or assistance, please visit a MyCME booth.

Guide to Educational Credit at Clinical Congress

Claim CME Credits and Earn Self-Assessment Credit by December 1, 2018.

SESSION TYPE	OFFERS CME CREDIT	OFFERS SELF-ASSESSMENT CREDIT
Didactic/Experiential Courses (DC)	✓	✓*
Meet-the-Expert Sessions (ME)	✓	N/A
Named Lectures (NL)	✓	N/A
Panel Sessions (PS)	✓	✓*
Scientific Forum Sessions (SF)	✓	N/A
Special Interest Sessions (SI)	N/A	N/A
Special Sessions (SL)	✓	N/A
Surgical Skills Courses (SC)	✓	✓
Town Hall Meetings (TH)	N/A	N/A
Video-Based Education Sessions (VE)	✓	✓*

* Not every session will offer Self-Assessment Credit.

For information regarding your individual requirements, contact the American Board of Surgery at (215) 568-4000 or www.absurgery.org.

Session Evaluations, Posttests, and the Global Evaluation

PROCESS	TO CLAIM CME CREDIT	TO EARN SELF-ASSESSMENT CREDIT
To claim CME Credit or Earn Self-Assessment Credit (by 12/1):		
• Visit one of the three MyCME booths (on site only).	✓	✓
• Utilize the Clinical Congress App		
• Go to www.cme.facs.org from your own device		
Complete each session evaluation.	✓	✓
Complete posttest and achieve a minimum score of 75% correct.	N/A	✓*
Complete Global Evaluation online after attending your last activity at Clinical Congress (deadline is December 1, 2018).	✓	✓
Your certificate will be available online after completion of the online Global Evaluation.**	✓	✓

* Some Postgraduate Courses require a pre-test as well

** With the exception of some Surgical Skills Courses which may require up to two weeks for processing of Report Cards

6 | General Information

MyCME Booth Hours

The main MyCME booth is located at the Boston Convention & Exhibition Center, North Lobby.

Hours of operation are:

Sunday, October 21	7:00 am-5:00 pm
Monday, October 22	7:00 am-6:00 pm
Tuesday, October 23	7:00 am-6:00 pm
Wednesday, October 24	7:00 am-6:00 pm
Thursday, October 25	6:30 am-12:00 noon

ACS Disclosure Policy

In compliance with the Accreditation Council for Continuing Medical Education Accreditation Criteria, the American College of Surgeons (ACS), as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.

Acknowledgments

The ACS acknowledges the following companies for their assistance in providing an educational grant and/or the use of equipment in the Surgical Skills Courses:

Apollo Endosurgery, Applied Medical, Aries Pharmaceuticals, Inc., BK Ultrasound, Boston Scientific, C.R. Bard, CAE Healthcare, Clarius, Cook Medical, DePuy Synthes, EndoGastric Solutions, Enova, ERBE-USA, Ethicon Inc., Faxitron, Focal Therapeutics, FUJIFILM SonoSite, Inc., Halyard Health, Hitachi Healthcare, Intuitive Surgical, InVuity, Karl Storz Endoscopy, Kubtec, Medalus, Inc., Medtronic, Mentice, Inc., Olympus, Ovesco, Philips Healthcare, Prytime Medical Devices, Inc., Restech-Mederi RF, 3D Systems Symbionix, Stryker Endoscopy, U.S. Endoscopy, and Xoft.

Member Engagement Activities

ACS Wellness

The following activities are being offered to all attendees and registered guests. Advance registration, available at the Registration Desk, is required.

Monday, October 22

6:00-7:00 am

Yoga

Boston Marriott Copley—\$10 per person (includes yoga mat)

6:00-7:00 am

ACS 5K Running Tour through Boston

Boston Marriott Copley—\$10 per person

Tuesday, October 23

6:00-7:00 am

Yoga

Boston Marriott Copley—\$10 per person (includes yoga mat)

6:00-7:00 am

Yoga

Westin Boston Waterfront—\$10 per person (includes yoga mat)

6:00-7:00 am

ACS 5K Running Tour through Boston

Boston Marriott Copley—\$10 per person

Wednesday, October 24

6:00-7:00 am

Yoga

Boston Marriott Copley—\$10 per person (includes yoga mat)

6:00-7:00 am

ACS 5K Running Tour through Boston

Boston Marriott Copley—\$10 per person



Wednesday, October 24, 5:30-7:30 pm
Boston Convention & Exhibition Center:
Exhibit Hall B2

Join us for the ACS Taste of the City and experience Boston's unique and diverse

dining and cultural scene. Bring your appetite and plan to enjoy live music, activities, and camaraderie with ACS leaders, staff, friends, colleagues, and family members.

The ACS Taste of the City is complimentary to all Clinical Congress attendees and their family members, and extended Shuttle Bus service will be provided. Casual dress is encouraged. We hope to see you there!

EXHIBIT HALL**ACS Central**

CONNECT. LEARN. RECHARGE.

ACS Central will be open during the following hours:

Monday-Wednesday, October 22-24

9:00 am-4:30 pm

Exhibit Hall A

Make the most of your Clinical Congress experience by visiting ACS Central multiple times throughout your time at the meeting. Meet with staff, learn about the latest ACS products and programs, and purchase ACS-branded items, publications, and educational products.

Make ACS Central your central gathering space during the meeting—come by to meet with friends and colleagues, charge your devices, hear about new programs, and meet and talk with College leaders in the ACS Theatre, or take some time to simply relax. While you are there you also have the opportunity to update your member profile and receive a flash drive with your professional photo.

Informational posters will be located throughout ACS Central outlining the ACS Theatre schedule for the day, and alerts will also be sent via the Clinical Congress app and posted on social media.

The following program areas will be located in ACS Central:

- The ACS Foundation
- Member Services
- Public Profile
- Publications
- Education Programs
- Quality Programs
- Advocacy and Health Policy
- The Surgeon Specific Registry
- MyCME
- ACS Central Shop

The following ACS Programs exhibiting outside of ACS Central will be open the same hours as registration:

- Join today—Member Services
- ACSPA-SurgeonsPAC
- MyCME
- Webcast Sales
- Wi-Fi and Clinical Congress App Support

ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the ACS Central Shop located at the Boston Convention & Exhibition Center, Exhibit Hall A in ACS Central. The hours of operation are as follows:

Monday, October 22	9:00 am-4:30 pm
Tuesday, October 23	9:00 am-4:30 pm
Wednesday, October 24	9:00 am-4:30 pm

ACS Career Fair

Monday-Wednesday, October 22-24

9:00 am-4:30 pm

Exhibit Hall A

The ACS Career Fair is a recruiting event with representatives from more than 20 hospitals, private practices, and health care organizations from across the country looking to meet and talk with interested candidates from a variety of surgical specialties. All levels of ACS members—from residents to early-, mid-, and late-career surgeons—who may be looking for a practice-setting change should visit the ACS Career Fair.

The ACS Career Fair will include the ACS Surgery Career Connection booth so that you can review all available surgeon jobs posted to the career site and talk to a representative about how to take full advantage of everything the site has to offer. Experts will be on hand to review resumes and provide interview tips. Located in the Exhibit Hall, interested individuals are encouraged to stop by and register for a resume review.

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services.

The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located at the Boston Convention & Exhibition Center, Exhibit Hall A, and will be open at the following times:

Monday, October 22	9:00 am-4:30 pm
Tuesday, October 23	9:00 am-4:30 pm
Wednesday, October 24	9:00 am-4:30 pm

CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system that has been used in past years. If you want to receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder and the exhibitor will have the information to instantly fill your request.

Child Policy

The ACS policy regarding children is as follows:

- Children under 16 years of age are not permitted on the exhibit floor.
- Children ages 16 and older must have a badge to enter exhibit area.
- This policy includes infants in strollers and arms. See page 9 for information on the ACS Child Care program and Camp ACS.

Bistro ACS

Grab lunch and network with exhibitors or your colleagues at Bistro ACS in the exhibit hall at the Boston Convention & Exhibition Center, Exhibit Hall A, Monday, October 22, through Wednesday, October 24. Bistro ACS provides an excellent opportunity for uninterrupted face-to-face time between attendees and exhibiting companies.

Bistro ACS offers assorted menu options, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet; \$27 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located so that you can enjoy a quick and delicious lunch. Tickets can be purchased daily at the Bistro ACS booth at the Boston Convention & Exhibition Center, or purchased online at <http://bistroticket.com/acs/>.

Housing Information

Representatives from onPeak will be available to answer any questions regarding hotel reservations. Attendees will also be able to modify a current reservation or make new reservations. The Housing Information Desk is located in the Boston Convention & Exhibition Center and will be open during registration hours (phone: 617-954-3950). If you need assistance during non-registration hours, an onPeak representative will be available at 312-527-7385.

Make your hotel reservation for the Clinical Congress 2019 in San Francisco, CA, at the Housing Information Desk. Representatives will be available to answer any questions that you have regarding participating hotels.

Shuttle Bus Service

The ACS provides complimentary shuttle bus service between most designated hotels in the ACS block and the Boston Convention & Exhibition Center. The complimentary shuttle bus service will run on the following schedule:

Daily Time Schedule

Sunday, October 21	6:30 am-6:00 pm 8:00-9:45 pm*
Monday, October 22	6:00 am-6:15 pm
Tuesday, October 23	5:30 am-6:15 pm
Wednesday, October 24	6:30 am-7:45 pm
Thursday, October 25	6:30-11:45 am

* On Sunday, October 21, Shuttle Service will run additionally from 8:00-9:45 pm from the Boston Convention & Exhibition Center to hotels on all routes.

The frequency from 6:30-9:30 am and 3:30 pm onward will be every 15 to 20 minutes. Frequency from 9:30 am-3:30 pm will be every 30 minutes.

Note: Shuttle bus times and routes are subject to change. Check your hotel lobby for the most up-to-date schedule and routes. For hotel shuttle information or special needs transportation, call 877-884-2455.

Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities. In case of emergency, dial 2222 from any white house telephone.

Lost and Found

Lost and Found areas are located in the ACS Convention Office Faneuil, at the Westin Boston Waterfront and in the Convention and Exhibit Office at the Boston Convention & Exhibition Center, Hall B1.

Prayer Room

A prayer room will be available during the meeting and will be located at the Boston Convention & Exhibition Center, on the Lower Level in Hall B1.

Speaker Ready Room

The Speaker Ready Room is located at the Boston Convention & Exhibition Center in Hall B1, Lower Level. Days and hours of operation are as follows:

Saturday, October 20	7:30 am-4:00 pm
Sunday, October 21	7:00 am-5:00 pm
Monday, October 22	6:30 am-6:00 pm
Tuesday, October 23	6:30 am-6:00 pm
Wednesday, October 24	6:30 am-6:00 pm
Thursday, October 25	6:30-11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not submitted their presentations via the advance submission website or have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

Lactation Room

The lactation room is located on the Meeting Level 2, Room 202. The hours of operation are as follows:

Sunday, October 21	7:00 am-6:00 pm
Monday, October 22	6:30 am-6:00 pm
Tuesday, October 23	7:00 am-6:00 pm
Wednesday, October 24	7:00 am-6:00 pm
Thursday, October 25	7:00 am-5:00 pm

Friends of Bill W.

Friends of Bill W. will meet Sunday, October 21 through Wednesday, October 24, 7:00-8:30 pm, at the Westin Boston Waterfront, Paine Room.

Future Meetings

2019 San Francisco, CA	October 27-31
2020 Chicago, IL	October 4-8
2021 Washington, DC	October 24-28

Guest Program and Child Care

Guest Program and Registration

The following activities are available to all registered attendees and guests. Tickets are distributed based on availability and may be purchased at Registration at the Boston Convention & Exhibition Center or at Guest Program Registration at the Westin Boston Waterfront.

Sunday, October 21

8:00–9:30 am

Rise 'n Shine with Beantown Bootcamp: \$35 per person

8:30 am–2:00 pm

Boston Revealed with Lunch at the Chart House: \$114 per person

4:30–7:30 pm

Boston Brewery and Historic Pub Tour: \$215 per person

Monday, October 22

8:00–11:00 am

Boston by Bike: \$105 per person

9:00 am–1:00 pm

The Ultimate Lobster Lovers Experience with Lobster Bake: \$310 per person

9:00 am–3:30 pm

Revolutionary Battlegrounds with Lunch at Colonial Inn: \$126 per person

10:30 am–2:00 pm

Boston Duck and Fenway Tour: \$112 per person

12:30–5:00 pm

Trail Through Cambridge with Charles River Cruise: \$84 per person

6:00–9:00 pm

Cambridge Riverboat Cruise with Dinner Reception: \$185 per person

Tuesday, October 23

9:00 am–5:00 pm

Bewitching Seaports; Salem and Marblehead with Lunch: \$162 per person

9:00–11:00 am

Ether Dome Tour at Massachusetts General Hospital: \$20 per person

10:00 am–1:00 pm

North End Culinary Tour: \$120 per person

11:15 am–3:30 pm

Call of the Whales: \$100 per person

2:00–3:30 pm

Harbor Walk and Rose Kennedy Greenway Walking Tour: \$35 per person

6:00–9:00 pm

Roll Up Your Sleeves Lobster Feast—New England Dinner Experience: \$137 per person

Wednesday, October 24

8:00–9:30 am

Rise 'n Shine with Beantown Bootcamp: \$35 per person

10:00 am–4:00 pm

Museum Hopping and Shopping with Lunch: \$195 per person

1:00–5:30 pm

John F. Kennedy Library and Edward M. Kennedy Institute: \$75 per person

Guest Program Tour Departures

IMPORTANT NOTE: All tours will depart from and return to the Westin Boston Waterfront unless otherwise noted. Please meet at the D Street entrance of the hotel, one level below the lobby. We recommend that you arrive at least 15 minutes before the scheduled tour time and wear comfortable walking shoes for all tours. Unless otherwise indicated, all lunches and dinners referred to are included in the price of the tour. Tours will be held rain or shine, unless otherwise notified.

Refund Policy

The Guest Registration fee is nonrefundable. The tour cancellation deadline has passed and no refunds for cancellations can be given due to commitments made. This policy is strictly enforced.

Child Policy

Children younger than 18 years old must be accompanied by an adult on all tours. Please refer to each tour description for any specific age restrictions for the tours. Tour tickets for children may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults ages 16 and older must be registered as a guest and pay the registration fee to participate in Congress activities. Please note that the ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Child Care / Camp ACS

ACCENT on Children's Arrangements Inc. is partnering with the ACS to provide an on-site children's program tailored especially for the children of ACS Members. Children ages six months to 17 years are welcome to participate in Camp ACS.

Camp ACS is located at the Westin Boston Waterfront. On-site registration will be on a space-available basis.

10 | General Information

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is 12:00 noon-1:00 pm.

Hours of Operation:

Sunday, October 21, to Wednesday, October 24
7:30 am-10:00 pm

If you have questions, please stop by the Camp ACS registration desk at the Westin Boston Waterfront, or call the hotel at (617) 532-4600 and ask to be connected to the Camp ACS desk.

Little Medical School

Little Medical School is an educational enrichment program prepared by board-certified physicians and educators that gives children the opportunity to explore the world of medicine, science, and health in an engaging and fun way. Available for children ages two years and older, this optional program is offered as an add-on option to Camp ACS. Little Medical School will be held at the Westin Boston Waterfront, and will be supervised by our licensed child care provider.

Monday, October 22

9:00 am-12:00 noon
Westin Boston Waterfront—\$30 per child
Carlton Room

Sessions-at-a-Glance by Track

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

BMCP	Boston Marriott Copley Place
WBW	Westin Boston Waterfront
SIRL	Surgical and Interventional Research Laboratories
	Tufts Medical Center
STRATUS	STRATUS Center for Medical Simulation
	Brigham and Women's Hospital

Ⓢ DC, ME, and SC Courses are Ticketed Sessions

Ⓦ Webcast session (Webcast package available for purchase)

🎧 Audio session (Audio available for purchase)

BASIC / TRANSLATIONAL RESEARCH (BTR)

MONDAY, OCTOBER 22

TIME	CODE	TOPIC	ROOM	
2:30-4:00	SF113	Transplantation and Tissue Engineering I	160A	
4:15-5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences: Suppressing the Immune System: The Good, The Bad, and The Ugly	104ABC	🎧

TUESDAY, OCTOBER 23

TIME	CODE	TOPIC	ROOM	
9:45-11:15	SF209	Bariatric/Foregut I	151AB	
12:45-2:15	SF216	Bariatric/Foregut II	151AB	
4:15-5:45	SF231	Transplantation and Tissue Engineering II	102AB	

WEDNESDAY, OCTOBER 24

TIME	CODE	TOPIC	ROOM	
12:45-2:15	SF319	Bariatric/Foregut III	161	
2:30-4:00	PS326	Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes	Ballroom West	Ⓦ 🎧
4:15-5:45	SF329	Bariatric/Foregut IV	107ABC	

THURSDAY, OCTOBER 25

TIME	CODE	TOPIC	ROOM	
7:00-7:45	TH402	Best Practices in Recruitment and Retention	258ABC	
8:00-9:30	PS405	Molecular Profiling to Guide Cardiac and Thoracic Surgery	259AB	Ⓦ 🎧

CARDIOTHORACIC SURGERY (CTS)

SATURDAY, OCTOBER 20

TIME	CODE	TOPIC	ROOM	
8:00-12:15	SC02A	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture Only) Ⓢ	208	
8:00-5:30	SC02B	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture and Lab) Ⓢ	Lecture-208 Lab-205BC	

MONDAY, OCTOBER 22

TIME	CODE	TOPIC	ROOM	
9:45-10:45	NL02	John H. Gibbon, Jr., Lecture	104ABC	🎧
11:30-1:00	SF125	Cardiac Surgery I	153ABC	
1:15-2:15	ME107	Anti-Reflux Gadgets and Gimmicks Ⓢ	150	
1:15-2:15	ME110	Fixation of Fractured Ribs Ⓢ	108	
2:30-4:00	SF126	Cardiac Surgery II	102AB	
6:00-9:00	SI110	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	BMCP Grand Ballroom Salon F	

TUESDAY, OCTOBER 23

TIME	CODE	TOPIC	ROOM	
8:00-9:30	SF206	Thoracic Surgery I	161	
9:45-11:15	SF214	Thoracic Surgery II	161	
12:45-4:00	VE204	Cardiothoracic Surgery	251	
2:30-4:00	PS229	Why Do Anti-Reflux Operations Fail in 2018?	Ballroom East	Ⓦ 🎧

WEDNESDAY, OCTOBER 24

TIME	CODE	TOPIC	ROOM	
12:45-2:15	PS318	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	Ballroom West	Ⓦ 🎧

THURSDAY, OCTOBER 25

TIME	CODE	TOPIC	ROOM	
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	Ⓦ 🎧
8:00-9:30	PS405	Molecular Profiling to Guide Cardiac and Thoracic Surgery	259AB	Ⓦ 🎧
9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	Ⓦ 🎧

COLON AND RECTAL SURGERY (CRS)

SATURDAY, OCTOBER 20

TIME	CODE	TOPIC	ROOM	
9:00-4:30	DC04	Management of Anorectal Disease Ⓢ	205A	

MONDAY, OCTOBER 22

TIME	CODE	TOPIC	ROOM	
9:45-11:15	PS101	Diverticulitis 2018: Every Year the Recommendations Change	Exhibit Hall B2	Ⓦ 🎧
11:30-1:00	PS109	Multidisciplinary Approach to Rectal Cancer	109AB	Ⓦ 🎧
1:00-5:30	SC07	Advanced Colonoscopy: Polypectomy and Beyond Ⓢ	Lecture-209 Lab-210A	
1:15-2:15	ME109	Crohn's Disease: Complex Issues Ⓢ	154	
1:15-2:15	ME113	Anorectal Diseases Ⓢ	256	
2:30-4:00	PS120	Stoma Creation in the Challenging Patient	Exhibit Hall B2	Ⓦ 🎧
2:30-4:00	PS123	Taking Enhanced Recovery to the Next Level: The Improving Surgical Care and Recovery Program	161	Ⓦ 🎧
2:30-4:00	SF114	Colon and Rectal Surgery I	254AB	
4:15-5:45	PS127	Colorectal Cancer with Hepatic Metastases	157A	Ⓦ 🎧
6:30-8:30	VE109	Highlights from ACS Video Library I	WBW Commonwealth Ballroom A+B	

TUESDAY, OCTOBER 23			ROOM	
8:00-9:00	NL05	Herand Abcarian Lecture: Privilege and Responsibility: A 20-Year Journey	104ABC	🎧
8:00-9:30	PS203	Common Anorectal Disease	160A	📅 🎧
9:45-11:15	PS213	Management of Benign Colon Polyps	Ballroom West	📅 🎧
11:30-12:30	ME205	Intracorporeal vs. Extracorporeal Anastomoses in Laparoscopic Bowel Surgery (S)	103	
12:45-2:15	PS222	Reducing Surgical Wound Infections in Colon and Rectal Surgery	254AB	📅 🎧
2:30-4:00	PS227	Clostridium Difficile Colitis: What Is New?	Exhibit Hall B2	📅 🎧
2:30-4:00	PS231	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	161	📅 🎧
2:30-4:00	SF222	Colon and Rectal Surgery II	157BC	
4:15-5:45	PS237	Friend or Foe? Understanding the Microbiome in the Surgical Patient	257AB	📅 🎧
4:15-5:45	SF230	Colon and Rectal Surgery III	157BC	
6:30-8:30	VE210	Highlights from ACS Video Library II	WBW Commonwealth Ballroom A+B	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	SF301	Colon and Rectal Surgery IV	157A	
9:45-11:15	PS314	Colorectal Surgical Emergencies: What to Do in the Middle of the Night	257AB	📅 🎧
11:30-12:30	ME307	Anal Neoplasia (S)	150	
11:30-12:30	ME308	Total Mesorectal Excision: When and How (S)	152	
12:45-4:00	VE306	Colon and Rectal Surgery I	156ABC	
2:30-4:00	SF326	Colon and Rectal Surgery V	102AB	
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	📅 🎧
4:15-5:45	SF330	Colon and Rectal Surgery VI	109AB	
THURSDAY, OCTOBER 25			ROOM	
8:00-11:15	VE402	Colon and Rectal Surgery II	156ABC	
EDUCATION / OUTCOMES AND SAFETY (EDU)				
SATURDAY, OCTOBER 20			ROOM	
9:00-4:30	DC03	Surgical Education: Principles and Practice (S)	109AB	
SUNDAY, OCTOBER 21			ROOM	
7:00-4:30	PS001	Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care	153ABC	
9:00-4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (S)	207	
9:30-5:00	DC08	Atypical Breast Lesions: Defining and Managing This High-Risk Population (S)	255	
10:00-2:15	DC09	Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon (S)	205A	

MONDAY, OCTOBER 22			ROOM	
9:45-11:15	SF104	Surgical Education I	161	
11:30-1:00	PS108	Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?	Ballroom East	📅 🎧
1:00-5:15	DC13	Negotiation Skills Training (S)	204AB	
1:15-2:15	ME108	Central Venous Access Devices: Achieving Zero Complications from Insertion to Home Care (S)	152	
1:15-5:30	SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons (S)	210B	
2:30-4:00	PS122	Leadership and Career Development for the Young Surgeon	255	📅 🎧
2:30-4:00	PS123	Taking Enhanced Recovery to the Next Level: The Improving Surgical Care and Recovery Program	161	📅 🎧
4:15-5:45	PS129	Coaching: Lessons Learned through Harsh Experience	Ballroom West	📅 🎧
4:15-5:45	PS130	Social Media in Surgery: Best Practices	259AB	📅 🎧
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH203	Rural Surgeons Do Great Work, but How Do We Prove It?	257AB	
8:00-9:30	SF235	Surgical Education II	259AB	
9:00-1:15	DC14	Rescuing Critical Cases in the Operating Room (S)	204AB	
9:45-11:15	SF210	Surgical Education III	109AB	
11:30-12:30	ME204	Painful Choices: Temporarily Scaling Back or Leaving Clinical Practice (S)	105	
11:30-12:30	ME206	Going into Surgical Practice: The Things You Weren't Taught (S)	101	
11:30-12:30	ME213	Liver Resections: Tough Cases (S)	256	
12:45-2:15	PS218	World War I: The Dawn of Evidence-Based Casualty Care	258ABC	📅 🎧
12:45-2:15	SF220	Surgical Education IV	157A	
12:45-5:00	PS226	Association of Program Directors in Surgery (APDS) Panels	160BC	
WEDNESDAY, OCTOBER 24			ROOM	
7:00-7:45	TH301	Doctors in Distress: Understanding and Addressing the Crisis of Burnout in Surgery	161	
8:00-9:30	PS306	Effective Handoffs of Care in the Perioperative Period	151AB	📅 🎧
8:00-9:30	PS307	Improving Parity in Surgery	160BC	📅 🎧
8:00-9:30	SF308	Surgical Education V	161	
8:00-11:45	SC12A	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture Only) (S)	209	
8:00-5:00	SC12B	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture and Lab) (S)	Lecture—209 Lab—210A	

9:45-11:15	PS317	ACS Traveling Fellowships	161	
11:30-12:30	ME304	Pregnancy during a Surgical Career: Strategies for Making It Work in Residency, Academics, and Private Practice (\$)	103	
12:45-2:15	PS324	Implementation Science: The Avenue Forward in Health Services Research	153ABC	(W) (U)
12:45-2:15	PS329	Fostering Autonomy in Surgical Trainees	157A	
12:45-2:15	SF317	Surgical Education VI	109AB	
4:15-5:45	PS335	Surgery Resident Well-Being: Achieving Quadruple Aim	257AB	(W) (U)
THURSDAY, OCTOBER 25			ROOM	
7:00-7:45	TH403	Postoperative Pain Control: Strategies to Decrease the Need for Narcotics	259AB	
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	(W) (U)
8:00-9:30	PS404	Ten Hot Topics in Surgical Patient Safety	157BC	(W) (U)
9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	(W) (U)
ETHICS (ETH)				
MONDAY, OCTOBER 22			ROOM	
11:30-1:00	SF107	Ethics	157A	
1:15-2:15	ME106	Communication Skills for Difficult Surgical Conversations (\$)	101	
4:15-5:45	PS129	Coaching: Lessons Learned Through Harsh Experience	Ballroom West	(W) (U)
4:15-5:45	PS130	Social Media in Surgery: Best Practices	259AB	(W) (U)
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH204	Informed Consent and Disclosure	157A	
2:30-5:45	PS233	Ethics Colloquium: Money and Modern Surgical Practice: Navigating the Difficult Ethical Terrain	259AB	(W) (U)
WEDNESDAY, OCTOBER 24			ROOM	
9:45-10:45	NL10	John J. Conley Ethics and Philosophy Lecture: Value-Based Health Care Delivery: The Strategic Agenda	104ABC	(U)
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (U)
4:15-5:45	PS335	Surgery Resident Well-Being: Achieving Quadruple Aim	257AB	(W) (U)
GENERAL SURGERY (GEN)				
SATURDAY, OCTOBER 20			ROOM	
8:00-3:30	DC01	Annual Update on Emergency General Surgery (\$)	204AB	
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies (\$)	Lecture-209 Lab-210C	
8:00-12:15	SC02A	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture Only) (\$)	208	
8:00-5:30	SC02B	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture and Lab) (\$)	Lecture-208 Lab-205BC	

9:00-4:30	DC04	Management of Anorectal Disease (\$)	205A	
SUNDAY, OCTOBER 21			ROOM	
7:00-4:30	PS001	Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care	153ABC	
8:00-12:15	SC04A	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture Only) (\$)	209	
8:00-5:30	SC04B	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture and Lab) (\$)	Lecture-209 Lab-210A	
8:15-5:30	SC05	Thyroid, Parathyroid, and Neck Ultrasound (\$)	210B	
10:00-2:15	DC09	Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon (\$)	205A	
1:00-3:00	PS002	Resident and Associate Symposium	160ABC	
MONDAY, OCTOBER 22			ROOM	
9:00-9:30	NL01	Martin Memorial Lecture: NIH: The National Institutes of Hope	Exhibit Hall B2	(U)
9:45-1:00	VE101	Bariatric Surgery	251	
9:45-1:00	VE102	General Surgery I: Gastrointestinal Disease	156ABC	
9:45-2:00	DC11	Cutting-Edge Endocrine Surgery: A Case-Based Review of Recent Advances in Endocrine Surgery (\$)	205A	
9:45-11:15	PS101	Diverticulitis 2018: Every Year the Recommendations Change	Exhibit Hall B2	(W) (U)
9:45-11:15	PS102	The Dilemma of Incidentally Discovered Pancreatic Lesions	258ABC	(W) (U)
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	(W) (U)
9:45-11:15	PS104	Perioperative Management of Anticoagulants	153ABC	(W) (U)
9:45-11:15	PS106	Implementing an ACS Strong for Surgery Program	151AB	(W) (U)
9:45-11:15	SF101	Breast I	102AB	
10:00-1:15	SC06A	Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity (Lecture Only) (\$)	208	
10:00-5:00	DC12-1	General Surgery Review Course: Part I (\$)	107ABC	
10:00-5:30	SC06B	Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity (Lecture and Lab) (\$)	Lecture-208 Lab-210C	
11:30-1:00	PS108	Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?	Ballroom East	(W) (U)
11:30-1:00	PS109	Multidisciplinary Approach to Rectal Cancer	109AB	(W) (U)
11:30-1:00	PS110	Parasitic Diseases of the Gastrointestinal (GI) Tract: Surgical Management	151AB	(W) (U)
11:30-1:00	PS111	The Difficult Gallbladder: Staying Out of Trouble	Exhibit Hall B2	(W) (U)
11:30-1:00	PS112	Personalized Breast Cancer Treatment and Tumor Genomics	Ballroom West	(W) (U)

11:30-1:00	SF108	Hepatobiliary and Pancreas I	102AB	
11:30-1:00	VE104	Subject-Oriented Symposium I: Hernias	254AB	
1:00-5:30	SC07	Advanced Colonoscopy: Polypectomy and Beyond (S)	Lecture-209 Lab-210A	
1:15-2:15	ME101	Enteral Access for Nutrition (S)	155	
1:15-2:15	ME103	Intraoperative Nerve Monitoring for Thyroid and Parathyroid Surgery: Should I Be Doing It? (S)	106	
1:15-2:15	ME104	Experts Debate Controversial Issues in Parathyroidectomy (S)	105	
1:15-2:15	ME105	Breast Cancer Management 2018 (S)	103	
1:15-2:15	ME107	Anti-reflux Gadgets and Gimmicks (S)	150	
1:15-2:15	ME108	Central Venous Access Devices: Achieving Zero Complications from Insertion to Home Care (S)	152	
1:15-2:15	ME109	Crohn's Disease: Complex Issues (S)	154	
1:15-2:15	ME114	Approaches to Acute Pancreatitis (S)	213	
1:15-2:15	ME115	Critical Issues in Laparoscopic Ventral Hernia Repair (S)	260	
1:15-2:15	SL101	How the Government Is Impacting the Practice of Surgery and Your Bottom Line	Ballroom West	(W) (U)
1:15-5:30	SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons (S)	210B	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	153ABC	(W) (U)
2:30-4:00	PS118	Contemporary Management of the Diabetic Foot	259AB	(W) (U)
2:30-4:00	PS119	Inguinal Hernia Repair: Open, Laparoscopic, or Robotic?	109AB	(W) (U)
2:30-4:00	PS120	Stoma Creation in the Challenging Patient	Exhibit Hall B2	(W) (U)
2:30-4:00	PS122	Leadership and Career Development for the Young Surgeon	255	(W) (U)
2:30-4:00	PS124	Firearm Injuries in the U.S.: A Public Health Approach Centered Upon Partnership and Engagement	258ABC	(W) (U)
2:30-4:00	SF113	Transplantation and Tissue Engineering I	160A	
2:30-4:00	SF117	General Surgery I	203	
2:30-5:45	PS125	Latin America Day (Spanish)	257AB	
2:30-5:45	VE106	Challenging and Unusual Problems in Surgery	156ABC	
4:15-5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences: Suppressing the Immune System: The Good, The Bad, and The Ugly	104ABC	(U)
4:15-5:45	PS126	Current Controversies in the Diagnosis and Management of Appendicitis	Ballroom East	(W) (U)
4:15-5:45	PS127	Colorectal Cancer with Hepatic Metastases	157A	(W) (U)
4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	(W) (U)

4:15-5:45	PS129	Coaching: Lessons Learned Through Harsh Experience	Ballroom West	(W) (U)
4:15-5:45	SF123	Critical Care Surgery	251	
4:15-5:45	SF124	Endocrine Surgery I	258ABC	
4:15-5:45	VE107	Pancreas Surgery I	254AB	
4:15-5:45	VE108	Hepatobiliary Surgery I	160A	
6:30-8:30	VE109	Highlights from ACS Video Library I	WBW Commonwealth Ballroom A+B	
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH201	Acute Care Surgery: Changing the Landscape of Surgical Practice	151AB	
7:00-7:45	TH204	Informed Consent and Disclosure	157A	
7:00-7:45	TH205	Crossing Over to the Dark Side: Investigating Surgeon Roles in Hospital and Corporate Leadership	157BC	
7:00-7:45	TH206	The Art of Negotiation: Strategy for Success	109AB	
7:00-7:45	TH207	Addressing Intimate Partner Violence for the Surgical Community	161	
8:00-9:30	PS201	The Pregnant Patient and Abdominal Emergencies	Exhibit Hall B2	(W) (U)
8:00-9:30	PS202	Best Practices in Umbilical Hernia Repair	Ballroom East	(W) (U)
8:00-9:30	PS203	Common Anorectal Disease	160A	(W) (U)
8:00-9:30	PS205	Supporting Successful Transition to Independent Practice: Mastery in General Surgery Program	160BC	(W) (U)
8:00-9:30	PS206	Imaging the Injured Child: Who, When, and How?	157BC	(W) (U)
8:00-9:30	PS207	Why Continuous Certification?	157A	(W) (U)
8:00-9:30	SF201	Hepatobiliary and Pancreas II	151AB	
8:00-11:15	PS209	Spectacular Cases	258ABC	(W) (U)
8:00-4:00	DC12-2	General Surgery Review Course: Part II (S)	107ABC	
8:30-4:00	SC09	Ultrasound for the General Surgeon: How to Help Your Patient in the Acute Setting with the Technology Available in Your Pocket (S)	210B	
9:00-5:30	SC10	Oncoplastic Breast Surgery in My Practice (S)	BMCP, Salon CD	
9:45-10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture: Civilian and Military Trauma: Training to Successfully Intervene and Save Lives	104ABC	(U)
9:45-11:15	PS210	Cutting-Edge Critical Care Review	Ballroom East	(W) (U)
9:45-11:15	PS211	Contemporary Management of Complex Abdominal Wall Hernias	259AB	(W) (U)
9:45-11:15	PS212	Gallbladder Cancer: State of the Art	Exhibit Hall B2	(W) (U)
9:45-11:15	PS213	Management of Benign Colon Polyps	Ballroom West	(W) (U)
9:45-11:15	PS214	Major Liver Resection: State of the Art	257AB	(W) (U)
9:45-11:15	PS215	Contemporary Evaluation and Management of the Adult Neck Mass	205A	(W) (U)

9:45-11:15	PS216	Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know about Pediatric Intestinal Emergencies	251	(W) (U)
9:45-11:15	SF209	Bariatric/Foregut I	151AB	
9:45-11:15	SF211	General Surgery II	102AB	
9:45-11:15	VE201	Subject-Oriented Symposium II: Complications during Surgery	254AB	
11:30-12:30	ME201	Medullary Thyroid Cancer: What You Need to Know (\$)	108	
11:30-12:30	ME202	Gastrointestinal Stromal Tumors (GIST) (\$)	261	
11:30-12:30	ME203	Approaches to Nipple-Sparing Mastectomy (\$)	106	
11:30-12:30	ME205	Intracorporeal vs. Extracorporeal Anastomoses in Laparoscopic Bowel Surgery (\$)	103	
11:30-12:30	ME207	How to Introduce Flexible Endoscopy in My Practice (\$)	150	
11:30-12:30	ME208	Minimally Invasive Acute Care Surgery: What, When, and by Whom? (\$)	152	
11:30-12:30	ME211	Assessing Chronic Pain following Inguinal Hernia Repair (\$)	260	
11:30-12:30	ME212	Sports Hernia: How to Diagnose and Understand Management Options (\$)	159	
11:30-12:30	ME213	Liver Resections: Tough Cases (\$)	256	
11:30-12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know? (\$)	158	
11:30-12:30	SI206	e-Posters of Exceptional Merit (e-POEM)	253ABC	
11:30-12:30	VE203	Icons in Surgery I	156ABC	
12:45-2:15	PS219	Operating on Patients with End-Stage Liver Disease	153ABC	(W) (U)
12:45-2:15	PS221	The Enterotomospheric Fistula Patient: Shepherding a Person From Oh My Goodness Back to a Normal Life	Ballroom West	(W) (U)
12:45-2:15	PS222	Reducing Surgical Wound Infections in Colon and Rectal Surgery	254AB	(W) (U)
12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	(W) (U)
12:45-2:15	PS224	Getting Involved in Global Surgery at Any Level: How? Where? What?	160A	(W) (U)
12:45-2:15	PS225	Contemporary Management of Inferior Vena Cava (IVC) Filters	161	(W) (U)
12:45-2:15	SF215	General Surgery III	157BC	
12:45-2:15	SF216	Bariatric/Foregut II	151AB	
12:45-2:15	SF219	Breast II	255	
12:45-4:00	VE205	General Surgery II: Hernia	156ABC	
2:30-3:30	NL08	Olga M. Jonasson Lecture: A Path Toward Diversity, Inclusion, and Excellence	151AB	(U)
2:30-4:00	PS227	Clostridium Difficile Colitis: What is New?	Exhibit Hall B2	(W) (U)
2:30-4:00	PS228	Occult Gastrointestinal Bleeding: Dealing with a Difficult Situation	Ballroom West	(W) (U)

2:30-4:00	PS229	Why Do Anti-Reflux Operations Fail in 2018?	Ballroom East	(W) (U)
2:30-4:00	PS230	Is an Axillary Dissection an Obsolete Operation?	255	(W) (U)
2:30-4:00	PS231	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	161	(W) (U)
2:30-4:00	SF224	Hepatobiliary and Pancreas III	102AB	
2:30-4:00	VE207	Subject-Oriented Symposium III: Pearls and Pitfalls in General Surgery	254AB	
4:15-5:45	PS234	Vascular Complications of General Surgery Procedures	Ballroom West	(W) (U)
4:15-5:45	PS235	A Night on Emergency General Surgery Call	Exhibit Hall B2	(W) (U)
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	(W) (U)
4:15-5:45	PS237	Friend or Foe? Understanding the Microbiome in the Surgical Patient	257AB	(W) (U)
4:15-5:45	SF228	General Surgery IV	157A	
4:15-5:45	SF231	Transplantation and Tissue Engineering II	102AB	
4:15-5:45	VE208	Endocrine Surgery	160A	
4:15-5:45	VE209	International Video Session	156ABC	
6:30-8:30	VE210	Highlights from ACS Video Library II	WBW Commonwealth Ballroom A+B	
WEDNESDAY, OCTOBER 24			ROOM	
7:00-7:45	TH302	Keeping Your Practice Whole with a Locum Tenens Surgeon: Key Factors and Considerations	255	
7:00-7:45	TH303	How to Combine Global Surgery and a Busy Clinical Practice as a Young Surgeon	257AB	
7:00-7:45	TH305	Managing Your Online Presence: Your Professional Website and the Influence of Patient Reviews	157BC	
7:00-7:45	TH307	Understanding the Difference Between Leadership and Power	151AB	
8:00-9:30	PS302	Closing the Damage Control Abdomen	Exhibit Hall B2	(W) (U)
8:00-9:30	PS303	Managing Bile Duct Injuries: State of the Art 2018	257AB	(W) (U)
8:00-9:30	PS304	Strategies to Maintain Preparedness Among Military Surgeons	Ballroom East	(W) (U)
8:00-9:30	PS305	Bedside Image-Guided Interventions for Surgeons	259AB	(W) (U)
8:00-9:30	PS306	Effective Handoffs of Care in the Perioperative Period	151AB	(W) (U)
8:00-9:30	PS307	Improving Parity in Surgery	160BC	(W) (U)
8:00-9:30	SF302	General Surgery V	102AB	
8:00-11:15	PS308	Surgical Jeopardy	258ABC	
8:00-11:15	VE302	General Surgery III: Foregut	156ABC	
8:00-11:45	SC12A	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture Only) (\$)	209	
8:00-5:00	SC12B	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture and Lab) (\$)	Lecture-209 Lab-210A	

8:30-4:45	SC14	Advanced Surgical Skills for Exposure in Trauma (ASSET™) (S)	SIRL	
9:45-11:15	PS309	Thyroid Cancer: Who Really Needs Surgery?	Exhibit Hall B2	(W) (U)
9:45-11:15	PS310	Workup and Management of an Adrenal Incidentaloma	Ballroom East	(W) (U)
9:45-11:15	PS311	Peptic Ulcer 2018: They Still Obstruct, Perforate, and Bleed	Ballroom West	(W) (U)
9:45-11:15	PS312	Neuroendocrine Tumors: What Are They and How Should They be Managed?	157BC	(W) (U)
9:45-11:15	PS313	Beyond the Massive Transfusion Protocol	259AB	(W) (U)
9:45-11:15	PS314	Colorectal Surgical Emergencies: What to Do in the Middle of the Night	257AB	(W) (U)
9:45-11:15	SF310	Breast III	107ABC	
9:45-11:15	SF313	General Surgery VI	151AB	
9:45-11:15	SF314	Hepatobiliary and Pancreas IV	109AB	
11:30-12:30	ME302	Necrotizing Soft-Tissue Infections (S)	261	
11:30-12:30	ME304	Pregnancy during a Surgical Career: Strategies for Making It Work in Residency, Academics, and Private Practice (S)	103	
11:30-12:30	ME305	What Just Happened? Dealing with Devastating Complications (S)	105	
11:30-12:30	ME309	Avoiding Thyroid Surgery Complications (S)	154	
11:30-12:30	ME310	Evidence-Based Treatment of Incisional Hernia (S)	106	
11:30-12:30	ME311	Peritoneal Dialysis Catheters: Tips and Tricks (S)	158	
11:30-12:30	ME312	The Difficult Gallbladder: Tricks of the Trade (S)	159	
11:30-12:30	VE305	Icons in Surgery II	156ABC	
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (U)
12:45-2:15	PS320	Oncoplastic Breast Surgery for the General and Breast Surgeon	258ABC	(W) (U)
12:45-2:15	PS321	Global Surgery: Pearls for Operating in Resource-Constrained Settings	Ballroom East	(W) (U)
12:45-2:15	PS322	New Modalities for Scar Modulation	259AB	(W) (U)
12:45-2:15	SF316	Endocrine Surgery II	107ABC	
12:45-2:15	SF319	Bariatric/Foregut III	161	
12:45-4:00	PS325	The College's International Scholars and Travelers 2018	151AB	
2:30-4:00	PS326	Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes	Ballroom West	(W) (U)
2:30-4:00	PS327	Sepsis Update 2018	Ballroom East	(W) (U)
2:30-4:00	PS328	Chronic Pancreatitis: What Is the Role of Surgery?	258ABC	(W) (U)
2:30-4:00	SF325	General Surgery VII	109AB	
2:30-4:00	VE308	Subject-Oriented Symposium IV: Biliary Surgery	160A	
2:30-4:00	VE309	Pancreas Surgery II	251	

4:15-5:45	PS334	Thyroid Nodules and Cancer: How Does Molecular Profiling Influence Surgery?	259AB	(W) (U)
4:15-5:45	PS336	What's New in Retroperitoneal Sarcoma Care?	258ABC	(W) (U)
4:15-5:45	PS337	I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon	157A	(W) (U)
4:15-5:45	PS338	Regionalization of Surgical Oncology Care: Pros and Cons	157BC	(W) (U)
4:15-5:45	SF329	Bariatric/Foregut IV	107ABC	
4:15-5:45	SF331	General Surgery VIII	161	
4:15-5:45	VE311	Hepatobiliary Surgery II	251	
THURSDAY, OCTOBER 25			ROOM	
7:00-7:45	TH403	Postoperative Pain Control: Strategies to Decrease the Need for Narcotics	259AB	
8:00-9:30	PS401	Ten Hot Topics in General Surgery	Ballroom East	(W) (U)
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	(W) (U)
8:00-9:30	PS403	Are We Doing Too Many Bilateral Mastectomies?	258ABC	(W) (U)
8:00-9:30	PS404	Ten Hot Topics in Surgical Patient Safety	157BC	(W) (U)
8:00-9:30	PS406	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	153ABC	(W) (U)
8:00-9:30	VE401	Techniques in Robotic Surgery	160A	
9:45-11:15	PS408	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	Ballroom East	(W) (U)
9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	(W) (U)
GERIATRIC / PALLIATIVE CARE (GER)				
MONDAY, OCTOBER 22			ROOM	
1:15-2:15	ME106	Communication Skills for Difficult Surgical Conversations (S)	101	
TUESDAY, OCTOBER 23			ROOM	
2:30-4:00	SF225	Geriatric and Palliative Care	157A	
6:00-8:00	SI215	Symposium for Surgical Palliative Care	WBW Harbor Ballroom III	
WEDNESDAY, OCTOBER 24			ROOM	
7:00-7:45	TH306	So You Want to Do Surgical Palliative Care? Training Pathways and Practice Models	109AB	
12:45-2:15	PS323	Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation	157BC	(W) (U)
2:30-4:00	PS330	Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care	257AB	(W) (U)
4:15-5:45	PS332	Recognizing and Responding to Distress in Your Colleagues and Yourself	Ballroom West	(W) (U)

HEALTH POLICY: PRACTICE MANAGEMENT / REIMBURSEMENT / LIABILITY ISSUES (HP)**SUNDAY, OCTOBER 21**

TIME	CODE	TOPIC	ROOM	W	U
8:30-4:30	DC06	Basic Coding: Supercharge Your Reimbursement Skills: Coding, Billing, and Reimbursement for Surgical Services (\$)	203		

MONDAY, OCTOBER 22

TIME	CODE	TOPIC	ROOM	W	U
9:15-5:15	DC10	2018 Mastering General Surgery CPT Coding (\$)	207		
9:45-11:15	SF106	Health Services Research I	160BC		
11:30-1:00	SF111	Health Services Research II	258ABC		
1:15-2:15	SL101	How the Government is Impacting the Practice of Surgery and Your Bottom Line	Ballroom West	W	U
2:30-4:00	PS124	Firearm Injuries in the U.S.: A Public Health Approach Centered Upon Partnership and Engagement	258ABC	W	U
4:15-5:45	PS130	Social Media in Surgery: Best Practices	259AB		
4:15-5:45	SF119	Health Services Research III	157BC		

TUESDAY, OCTOBER 23

TIME	CODE	TOPIC	ROOM	W	U
11:30-12:30	ME204	Painful Choices: Temporarily Scaling Back or Leaving Clinical Practice (\$)	105		
12:45-2:15	SF217	Health Services Research IV	205A		
2:30-5:45	PS233	Ethics Colloquium: Money and Modern Surgical Practice: Navigating the Difficult Ethical Terrain	259AB	W	U
4:15-5:45	SF229	Health Services Research V	161		

WEDNESDAY, OCTOBER 24

TIME	CODE	TOPIC	ROOM	W	U
7:00-7:45	TH307	Understanding the Difference Between Leadership and Power	151AB		
9:45-11:15	SF315	Health Services Research VI	153ABC		
12:45-2:15	PS324	Implementation Science: The Avenue Forward in Health Services Research	153ABC	W	U
2:30-4:00	PS331	Demystifying Relative Value Units (RVUs): How a Surgeon Is Valued in 2018	259AB	W	U
2:30-4:00	SF323	Health Services Research VII	157A		
4:15-5:45	PS338	Regionalization of Surgical Oncology Care: Pros and Cons	157BC	W	U
4:15-5:45	SF332	Health Services Research VIII	153ABC		

THURSDAY, OCTOBER 25

TIME	CODE	TOPIC	ROOM	W	U
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	W	U
9:45-11:15	PS407	Where Will the Rural Surgeon Work?	259AB	W	U

9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	W	U
9:45-11:15	PS411	Ten Hot Topics in Health Care Reform	160A	W	U

INFORMATICS (INFO)**SUNDAY, OCTOBER 21**

TIME	CODE	TOPIC	ROOM	W	U
9:00-4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (\$)	207		

WEDNESDAY, OCTOBER 24

TIME	CODE	TOPIC	ROOM	W	U
8:00-9:00	NL09	Distinguished Lecture of the International Society of Surgery: Computer-Assisted Technologies: The Magic Wand of Surgery	104ABC		U

INTERNATIONAL (INT)**SATURDAY, OCTOBER 20**

TIME	CODE	TOPIC	ROOM	W	U
8:30-4:00	DC02	Global Health Competencies for Surgeons: Cognitive and System Skills (\$)	207		

SUNDAY, OCTOBER 21

TIME	CODE	TOPIC	ROOM	W	U
8:00-5:30	SC03	International Humanitarian Surgery (\$)	STRATUS		

MONDAY, OCTOBER 22

TIME	CODE	TOPIC	ROOM	W	U
11:30-1:00	PS110	Parasitic Diseases of the Gastrointestinal (GI) Tract: Surgical Management	151AB	W	U
11:30-1:00	PS114	Global Engagement	257AB	W	U
2:30-5:45	PS125	Latin America Day (Spanish)	257AB		
4:15-5:45	PS127	Colorectal Cancer with Hepatic Metastases	157A	W	U
4:15-5:45	SF121	Global Surgery and Humanitarian Outreach I	203		

TUESDAY, OCTOBER 23

TIME	CODE	TOPIC	ROOM	W	U
9:45-11:15	PS212	Gallbladder Cancer: State of the Art	Exhibit Hall B2	W	U
9:45-11:15	PS214	Major Liver Resection: State of the Art	257AB	W	U
9:45-11:15	SF212	Global Surgery and Humanitarian Outreach II	160BC		
12:45-2:15	PS224	Getting Involved in Global Surgery at Any Level: How? Where? What?	160A	W	U
2:30-4:00	PS232	Checking in on the Checklist: Ten Years of the WHO Surgical Safety Checklist	257AB	W	U
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	W	U
4:15-5:45	VE209	International Video Session	156ABC		

WEDNESDAY, OCTOBER 24

TIME	CODE	TOPIC	ROOM	W	U
7:00-7:45	TH303	How to Combine Global Surgery and a Busy Clinical Practice as a Young Surgeon	257AB		

8:00-9:00	NL09	Distinguished Lecture of the International Society of Surgery: Computer-Assisted Technologies: The Magic Wand of Surgery	104ABC	🎧
12:45-4:00	PS325	The College's International Scholars and Travelers 2018	151AB	
2:30-4:00	SF324	Global Surgery and Humanitarian Outreach III	160BC	
NEUROSURGERY (NEU)				
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS104	Perioperative Management of Anticoagulants	153ABC	🎧 🎧
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	🎧 🎧
2:30-3:30	NL03	Charles G. Drake History of Surgery Lecture: Slow Ideas: Scaling Surgery	104ABC	🎧
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	SF202	Neurosurgery	102AB	
9:45-11:15	PS210	Cutting-Edge Critical Care Review	Ballroom East	🎧 🎧
9:45-11:15	VE202	Neurological Surgery	156ABC	
WEDNESDAY, OCTOBER 24			ROOM	
9:45-11:15	PS312	Neuroendocrine Tumors: What Are They and How Should They be Managed?	157BC	🎧 🎧
2:30-4:00	PS330	Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care	257AB	🎧 🎧
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS406	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	153ABC	🎧 🎧
OBSTETRICS AND GYNECOLOGY (OBG)				
SATURDAY, OCTOBER 20			ROOM	
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies 💰	Lecture—209 Lab—210C	
MONDAY, OCTOBER 22			ROOM	
11:30-1:00	VE103	Obstetrics and Gynecology	160A	
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	PS201	The Pregnant Patient and Abdominal Emergencies	Exhibit Hall B2	🎧 🎧
OPHTHALMIC SURGERY (OPHTHO)				
WEDNESDAY, OCTOBER 24			ROOM	
9:45-11:15	PS316	Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives	157A	🎧 🎧
ORTHOPAEDIC SURGERY (ORT)				
MONDAY, OCTOBER 22			ROOM	
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	🎧 🎧
1:15-2:15	ME110	Fixation of Fractured Ribs 💰	108	
2:30-4:00	PS118	Contemporary Management of the Diabetic Foot	259AB	🎧 🎧

4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	🎧 🎧
TUESDAY, OCTOBER 23			ROOM	
9:45-11:15	SF207	Orthopaedic Surgery	157BC	
12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	🎧 🎧
4:15-5:45	PS234	Vascular Complications of General Surgery Procedures	Ballroom West	🎧 🎧
OTOLARYNGOLOGY – HEAD AND NECK SURGERY (OTO)				
SUNDAY, OCTOBER 21			ROOM	
8:15-5:30	SC05	Thyroid, Parathyroid, and Neck Ultrasound 💰	210B	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS105	A Multidisciplinary Approach to Gender Confirmation Surgery	109AB	🎧 🎧
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	🎧 🎧
1:15-2:15	ME103	Intraoperative Nerve Monitoring for Thyroid and Parathyroid Surgery: Should I Be Doing It? 💰	106	
1:15-2:15	ME104	Minimally Invasive Parathyroidectomy: How I Do It 💰	105	
4:15-5:45	PS115	Head and Neck Melanoma	Exhibit Hall B2	🎧 🎧
4:15-5:45	PS131	Pediatric Vascular Anomalies: What's New and Improved?	151AB	🎧 🎧
TUESDAY, OCTOBER 23			ROOM	
9:45-11:15	PS215	Contemporary Evaluation and Management of the Adult Neck Mass	205A	🎧 🎧
11:30-12:30	ME201	Medullary Thyroid Cancer: What You Need to Know 💰	108	
2:30-4:00	PS231	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	161	🎧 🎧
2:30-4:00	VE206	Otolaryngology—Head and Neck Surgery	160A	
WEDNESDAY, OCTOBER 24			ROOM	
9:45-11:15	PS309	Thyroid Cancer: Who Really Needs Surgery?	Exhibit Hall B2	🎧 🎧
11:30-12:30	ME303	Newer Targeted Therapies for Thyroid Cancer 💰	155	
11:30-12:30	ME309	Avoiding Thyroid Surgery Complications 💰	154	
12:45-2:15	PS322	New Modalities for Scar Modulation	259AB	🎧 🎧
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	🎧 🎧
4:15-5:45	PS334	Thyroid Nodules and Cancer: How Does Molecular Profiling Influence Surgery?	259AB	🎧 🎧
PEDIATRIC SURGERY (PED)				
SATURDAY, OCTOBER 20			ROOM	
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies 💰	Lecture—209 Lab—210C	

MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	(W) (U)
9:45-11:15	PS105	A Multidisciplinary Approach to Gender Confirmation Surgery	109AB	(W) (U)
1:15-5:30	SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons (S)	210B	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	153ABC	(W) (U)
2:30-4:00	SF118	Pediatric Surgery I	157A	
4:15-5:45	PS126	Current Controversies in the Diagnosis and Management of Appendicitis	Ballroom East	(W) (U)
4:15-5:45	PS131	Pediatric Vascular Anomalies: What's New and Improved?	151AB	(W) (U)
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	PS202	Best Practices in Umbilical Hernia Repair	Ballroom East	(W) (U)
8:00-9:30	PS206	Imaging the Injured Child: Who, When, and How?	157BC	(W) (U)
8:00-9:30	PS208	How Do I Get My Hospital Verified as a Children's Surgical Center?	Ballroom West	(W) (U)
9:45-11:15	PS216	Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know about Pediatric Intestinal Emergencies	251	(W) (U)
12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	(W) (U)
12:45-2:15	SF218	Pediatric Surgery II	259AB	
4:15-5:45	PS234	Vascular Complications of General Surgery Procedures	Ballroom West	(W) (U)
4:15-5:45	SF234	Pediatric Surgery III	151AB	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-11:15	VE301	Pediatric Surgery	160A	
9:45-11:15	PS312	Neuroendocrine Tumors: What Are They and How Should They be Managed?	157BC	(W) (U)
9:45-11:15	PS313	Beyond the Massive Transfusion Protocol	259AB	(W) (U)
12:45-2:15	PS318	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	Ballroom West	(W) (U)
12:45-2:15	PS321	Global Surgery: Pearls for Operating in Resource-Constrained Settings	Ballroom East	(W) (U)
12:45-2:15	PS322	New Modalities for Scar Modulation	259AB	(W) (U)
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	(W) (U)
4:15-5:45	PS337	I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon	157A	(W) (U)
PLASTIC AND MAXILLOFACIAL SURGERY (PLA)				
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	(W) (U)
9:45-11:15	PS105	A Multidisciplinary Approach to Gender Confirmation Surgery	109AB	(W) (U)

11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	(W) (U)
2:30-4:00	SF112	Plastic and Maxillofacial Surgery I	157BC	
2:30-4:00	VE105	Video Potpourri: Breast, Plastic, and Oncologic Surgery	251	
4:15-5:45	PS115	Head and Neck Melanoma	Exhibit Hall B2	(W) (U)
4:15-5:45	PS131	Pediatric Vascular Anomalies: What's New and Improved?	151AB	(W) (U)
TUESDAY, OCTOBER 23			ROOM	
9:45-11:15	PS211	Contemporary Management of Complex Abdominal Wall Hernias	259AB	(W) (U)
2:30-4:00	SF223	Plastic and Maxillofacial Surgery II	153ABC	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS302	Closing the Damage Control Abdomen	Exhibit Hall B2	(W) (U)
8:00-9:30	SF305	Plastic and Maxillofacial Surgery III	107ABC	
12:45-2:15	PS320	Oncoplastic Breast Surgery for the General and Breast Surgeon	258ABC	(W) (U)
12:45-2:15	PS322	New Modalities for Scar Modulation	259AB	(W) (U)
THURSDAY, OCTOBER 25			ROOM	
9:45-11:15	PS408	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	Ballroom East	(W) (U)
RESIDENTS / MEDICAL STUDENTS (RES-MED)				
SUNDAY, OCTOBER 21			ROOM	
10:00-5:00	SI001	Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents: Day 1	160ABC	
11:30-6:00	SI002	Medical Student Program Day I	52AB	
1:00-3:00	PS002	Resident and Associate Symposium	160ABC	
MONDAY, OCTOBER 22			ROOM	
10:00-2:00	SI103	Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents Day 2	162AB	
1:00-6:00	SI104	Medical Student Program Day II	160BC	
2:30-4:00	PS122	Leadership and Career Development for the Young Surgeon	255	(W) (U)
6:00-9:00	SI110	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	BMCP Grand Ballroom Salon F	
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH201	Acute Care Surgery: Changing the Landscape of Surgical Practice	151AB	
8:00-9:30	SI202	2018 Owen H. Wangenstein Scientific Forum Dedication, Resident & Research Scholarship, and Awards	253ABC	
8:00-9:30	PS205	Supporting Successful Transition to Independent Practice: Mastery in General Surgery Program	160BC	(W) (U)
8:00-11:15	PS209	Spectacular Cases	258ABC	(W) (U)
11:30-12:30	SI206	e-Posters of Exceptional Merit (e-POEM)	253ABC	
12:00-4:00	SI209	Resident and Associate Society (RAS) Annual Business Meeting	WBW Grand Ballroom E	
12:45-5:00	PS226	Association of Program Directors in Surgery (APDS) Panels	160BC	

1:00-6:00	SI210	Medical Student Program Day III	104ABC	
4:00-5:00	SI212	Young Fellows Association Speed Networking	WBW Harbor Ballroom III	
WEDNESDAY, OCTOBER 24			ROOM	
6:45-7:50	SI305	Pathways in Surgical Education for Residents and Medical Students	159	
8:00-11:15	PS308	Surgical Jeopardy	258ABC	
9:45-11:15	PS315	The Fourth Year of Medical School: Redesign or Replace?	160BC	Ⓜ Ⓞ
12:45-2:15	PS329	Fostering Autonomy in Surgical Trainees	157A	Ⓜ Ⓞ
4:15-5:45	PS335	Surgery Resident Well-Being: Achieving Quadruple Aim	257AB	Ⓜ Ⓞ
THURSDAY, OCTOBER 25			ROOM	
7:00-7:45	TH402	Best Practices in Recruitment and Retention	258ABC	
8:00-9:30	PS406	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	153ABC	Ⓜ Ⓞ
RURAL SURGERY (RUS)				
SATURDAY, OCTOBER 20			ROOM	
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies Ⓢ	Lecture-209 Lab-210C	
9:00-4:30	DC04	Management of Anorectal Disease Ⓢ	205A	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	Ⓜ Ⓞ
11:30-1:00	PS111	The Difficult Gallbladder: Staying Out of Trouble	Exhibit Hall B2	Ⓜ Ⓞ
1:15-5:30	SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons	210B	
2:30-4:00	PS118	Contemporary Management of the Diabetic Foot	259AB	Ⓜ Ⓞ
2:30-4:00	PS119	Inguinal Hernia Repair: Open, Laparoscopic, or Robotic?	109AB	Ⓜ Ⓞ
4:15-5:45	PS126	Current Controversies in the Diagnosis and Management of Appendicitis	Ballroom East	Ⓜ Ⓞ
4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	Ⓜ Ⓞ
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH203	Rural Surgeons Do Great Work, but How Do We Prove It?	257AB	
8:00-9:30	PS201	The Pregnant Patient and Abdominal Emergencies	Exhibit Hall B2	Ⓜ Ⓞ
8:00-9:30	PS203	Common Anorectal Disease	160A	Ⓜ Ⓞ
8:00-9:30	PS204	Challenges and Solutions for Surgery in Resource-Limited Settings: Perspectives from Local Champions	156ABC	Ⓜ Ⓞ
9:45-11:15	PS213	Management of Benign Colon Polyps	Ballroom West	Ⓜ Ⓞ
9:45-11:15	PS216	Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know about Pediatric Intestinal Emergencies	251	Ⓜ Ⓞ

12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	Ⓜ Ⓞ
12:45-2:15	PS225	Contemporary Management of Inferior Vena Cava (IVC) Filters	161	Ⓜ Ⓞ
2:30-4:00	PS227	Clostridium Difficile Colitis: What Is New?	Exhibit Hall B2	Ⓜ Ⓞ
2:30-4:00	PS228	Occult Gastrointestinal Bleeding: Dealing with a Difficult Situation	Ballroom West	Ⓜ Ⓞ
2:30-4:00	PS231	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	161	Ⓜ Ⓞ
4:15-5:45	PS234	Vascular Complications of General Surgery Procedures	Ballroom West	Ⓜ Ⓞ
4:15-5:45	PS235	A Night on Emergency General Surgery Call	Exhibit Hall B2	Ⓜ Ⓞ
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	Ⓜ Ⓞ
4:15-5:45	SI213	Rural Surgeons Open Forum and Oweida Scholarship Presentation	255	Ⓜ Ⓞ
WEDNESDAY, OCTOBER 24			ROOM	
7:00-7:45	TH302	Keeping Your Practice Whole with a Locum Tenens Surgeon: Key Factors and Considerations	255	
8:00-9:30	PS305	Bedside Image-Guided Interventions for Surgeons	259AB	Ⓜ Ⓞ
8:00-11:45	SC12A	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture Only) Ⓢ	209	
8:00-5:00	SC12B	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture and Lab) Ⓢ	Lecture-209 Lab-210A	
9:45-11:15	PS311	Peptic Ulcer 2018: They Still Obstruct, Perforate, and Bleed	Ballroom West	Ⓜ Ⓞ
9:45-11:15	PS314	Colorectal Surgical Emergencies: What to Do in the Middle of the Night	257AB	Ⓜ Ⓞ
12:45-2:15	PS320	Oncoplastic Breast Surgery for the General and Breast Surgeon	258ABC	Ⓜ Ⓞ
12:45-2:15	PS321	Global Surgery: Pearls for Operating in Resource-Constrained Settings	Ballroom East	Ⓜ Ⓞ
12:45-2:15	PS322	New Modalities for Scar Modulation	259AB	Ⓜ Ⓞ
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	Ⓜ Ⓞ
4:15-5:45	PS337	I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon	157A	Ⓜ Ⓞ
4:15-5:45	PS338	Regionalization of Surgical Oncology Care: Pros and Cons	157BC	Ⓜ Ⓞ
THURSDAY, OCTOBER 25			ROOM	
7:00-7:45	TH402	Best Practices in Recruitment and Retention	258ABC	
8:00-9:30	PS406	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	153ABC	Ⓜ Ⓞ
9:45-11:15	PS407	Where Will the Rural Surgeon Work?	259AB	Ⓜ Ⓞ

SURGICAL HUMANITARIAN OUTREACH (HUM)				
SATURDAY, OCTOBER 20			ROOM	
8:30-4:00	DC02	Global Health Competencies for Surgeons: Cognitive and System Skills (S)	207	
SUNDAY, OCTOBER 21			ROOM	
8:00-5:30	SC03	International Humanitarian Surgery (S)	STRATUS	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2018 Volunteerism and Humanitarian Award Recipients	257AB	
11:30-1:00	PS114	Global Engagement	257AB	(W) (U)
1:15-2:15	ME111	Exploring the Benefits of Global Surgery Engagement to the Home Institution (S)	158	
4:15-5:45	SF121	Global Surgery and Humanitarian Outreach I	203	
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	PS202	Best Practices in Umbilical Hernia Repair	Ballroom East	(W) (U)
8:00-9:30	PS204	Challenges and Solutions for Surgery in Resource-Limited Settings: Perspectives from Local Champions	156ABC	(W) (U)
9:45-11:15	SF212	Global Surgery and Humanitarian Outreach II	160BC	
12:45-2:15	PS224	Getting Involved in Global Surgery at Any Level: How? Where? What?	160A	(W) (U)
2:30-4:00	PS232	Checking in on the Checklist: Ten Years of the WHO Surgical Safety Checklist	257AB	(W) (U)
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:00	NL09	Distinguished Lecture of the International Society of Surgery: Computer-Assisted Technologies: The Magic Wand of Surgery	104ABC	(U)
12:45-2:15	PS321	Global Surgery: Pearls for Operating in Resource-Constrained Settings	Ballroom East	(W) (U)
2:30-4:00	SF324	Global Surgery and Humanitarian Outreach III	151AB	
SURGICAL ONCOLOGY (ONC)				
SATURDAY, OCTOBER 20			ROOM	
8:00-12:15	SC02A	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture Only) (S)	208	
8:00-5:30	SC02B	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture and Lab) (S)	Lecture-208 Lab-205B	
SUNDAY, OCTOBER 21			ROOM	
8:15-5:30	SC05	Thyroid, Parathyroid, and Neck Ultrasound (S)	210B	
9:30-5:00	DC08	Atypical Breast Lesions: Defining and Managing This High-Risk Population (S)	255	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS102	The Dilemma of Incidentally Discovered Pancreatic Lesions	258ABC	(W) (U)

9:45-11:15	SF101	Breast I	102AB	
9:45-11:15	SF103	Surgical Oncology I	157BC	
11:30-1:00	PS109	Multidisciplinary Approach to Rectal Cancer	109AB	(W) (U)
11:30-1:00	PS112	Personalized Breast Cancer Treatment and Tumor Genomics	Ballroom West	(W) (U)
1:15-2:15	ME105	Breast Cancer Management 2018 (S)	103	
1:15-2:15	ME112	Caring for the Young Adult Cancer Patient (S)	159	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal and Pediatric Cancers	153ABC	(W) (U)
2:30-4:00	VE105	Video Potpourri: Breast, Plastic, and Oncologic Surgery	251	
4:15-5:45	PS115	Head and Neck Melanoma	Exhibit Hall B2	(W) (U)
4:15-5:45	PS127	Colorectal Cancer with Hepatic Metastases	157A	(W) (U)
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	SF204	Surgical Oncology II	251	
9:00-5:30	SC10	Oncoplastic Breast Surgery in My Practice (S)	BMCP, Salon CD	
9:45-11:15	PS212	Gallbladder Cancer: State of the Art	Exhibit Hall B2	(W) (U)
9:45-11:15	PS214	Major Liver Resection: State of the Art	257AB	(W) (U)
9:45-11:15	PS215	Contemporary Evaluation and Management of the Adult Neck Mass	205A	(W) (U)
11:30-12:30	ME202	Gastrointestinal Stromal Tumors (GIST) (S)	261	
11:30-12:30	ME203	Approaches to Nipple-Sparing Mastectomy (S)	106	
11:30-12:30	ME215	Personalized Medicine for Breast Cancer (S)	213	
12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	(W) (U)
12:45-2:15	SF219	Breast II	255	
2:30-4:00	PS230	Is an Axillary Dissection an Obsolete Operation?	255	(W) (U)
4:15-5:45	SF232	Surgical Oncology III	109AB	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS301	New Key to Cancer Cure: Checkpoint Inhibitor Therapy	Ballroom West	(W) (U)
9:45-11:15	PS312	Neuroendocrine Tumors: What Are They and How Should They be Managed?	157BC	(W) (U)
9:45-11:15	SF309	Surgical Oncology IV	102AB	
9:45-11:15	SF310	Breast III	107ABC	
11:30-12:30	ME301	Management of the Axilla in T1 or T2 Breast Cancer (S)	108	
11:30-12:30	ME303	Newer Targeted Therapies for Thyroid Cancer (S)	155	
12:45-1:45	NL11	Commission on Cancer Oncology Lecture: Microbes and Cancer: A Missing Link	104ABC	(U)
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (U)

12:45-2:15	PS323	Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation	157BC	(W) (U)
2:30-4:00	SF327	Surgical Oncology V	107ABC	
4:15-5:45	PS336	What's New in Retroperitoneal Sarcoma Care?	258ABC	(W) (U)
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS403	Are We Doing Too Many Bilateral Mastectomies?	258ABC	(W) (U)
8:00-9:30	PS405	Molecular Profiling to Guide Cardiac and Thoracic Surgery	259AB	(W) (U)
9:45-11:15	PS410	Ten Hot Topics in Surgical Oncology	258ABC	(W) (U)
TRAUMA / CRITICAL CARE (TRA)				
SATURDAY, OCTOBER 20			ROOM	
8:00-3:30	DC01	Annual Update on Emergency General Surgery (S)	204AB	
SUNDAY, OCTOBER 21			ROOM	
7:00-4:30	PS001	Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care	153ABC	
8:00-3:30	DC05	Annual Trauma Update: The Cutting Edge and Future of Trauma (S)	204AB	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS101	Diverticulitis 2018: Every Year the Recommendations Change	Exhibit Hall B2	(W) (U)
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	(W) (U)
9:45-11:15	PS104	Perioperative Management of Anticoagulants	153ABC	(W) (U)
9:45-11:15	SF127	Military	160A	
11:30-1:00	PS108	Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?	Ballroom East	(W) (U)
11:30-1:00	PS111	The Difficult Gallbladder: Staying Out of Trouble	Exhibit Hall B2	(W) (U)
11:30-1:00	SF109	Trauma I	157BC	
1:15-2:15	ME101	Enteral Access for Nutrition (S)	155	
1:15-2:15	ME102	Genitourinary Trauma (S)	261	
2:30-4:00	PS116	Can't Ventilate? Can't Oxygenate? Now What?	Ballroom West	(W) (U)
2:30-4:00	PS124	Firearm Injuries in the U.S.: A Public Health Approach Centered Upon Partnership and Engagement	258ABC	(W) (U)
2:30-4:00	SI106	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
4:15-5:45	PS126	Current Controversies in the Diagnosis and Management of Appendicitis	Ballroom East	(W) (U)
4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	(W) (U)
4:15-5:45	SF123	Critical Care Surgery	251	
4:15-5:45	SI109	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
TUESDAY, OCTOBER 23			ROOM	
7:00-7:45	TH201	Acute Care Surgery: Changing the Landscape of Surgical Practice	151AB	
8:00-9:30	PS201	The Pregnant Patient and Abdominal Emergencies	Exhibit Hall B2	(W) (U)

8:00-9:30	PS206	Imaging the Injured Child: Who, When, and How?	157BC	(W) (U)
8:00-9:30	SF203	Trauma II	205A	
8:00-9:30	SI203	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
8:00-9:30	PS220	A Night on Call in the Surgical Intensive Care Unit: Case Panel	153ABC	(W) (U)
9:45-10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture: Civilian and Military Trauma: Training to Successfully Intervene and Save Lives	104ABC	(U)
9:45-11:15	PS210	Cutting-Edge Critical Care Review	Ballroom East	(W) (U)
9:45-11:15	PS211	Contemporary Management of Complex Abdominal Wall Hernias	259AB	(W) (U)
9:45-11:15	SF208	Trauma III	153ABC	
9:45-11:15	SI205	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
12:45-1:30	NL07	Scudder Oration on Trauma: Homeward Bound	Exhibit Hall B2	(U)
12:45-2:15	PS218	World War I: The Dawn of Evidence-Based Casualty Care	258ABC	(W) (U)
12:45-2:15	PS219	Operating on Patients with End-Stage Liver Disease	153ABC	(W) (U)
12:45-2:15	PS221	The Enterotomographic Fistula Patient: Shepherding a Person From Oh My Goodness Back to a Normal Life	Ballroom West	(W) (U)
12:45-2:15	PS225	Contemporary Management of Inferior Vena Cava (IVC) Filters	161	(W) (U)
1:00-5:30	SC11	Basic Endovascular Skills for Trauma (BEST™) (S)	SIRL	
2:30-4:00	PS228	Occult Gastrointestinal Bleeding: Dealing with a Difficult Situation	Ballroom West	(W) (U)
2:30-4:00	SF227	Trauma IV	109AB	
2:30-4:00	SI211	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
4:15-5:45	PS235	A Night on Emergency General Surgery Call	Exhibit Hall B2	(W) (U)
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	(W) (U)
4:15-5:45	PS237	Friend or Foe? Understanding the Microbiome in the Surgical Patient	257AB	(W) (U)
4:15-5:45	SI214	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
6:30-8:30	VE210	Highlights from ACS Video Library II	WBW Commonwealth Ballroom A+B	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS302	Closing the Damage Control Abdomen	Exhibit Hall B2	(W) (U)
8:00-9:30	PS304	Strategies to Maintain Preparedness Among Military Surgeons	Ballroom East	(W) (U)
8:00-9:30	PS305	Bedside Image-Guided Interventions for Surgeons	259AB	(W) (U)
8:00-9:30	SF306	Trauma V	157BC	
8:00-9:30	SI301	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	

8:30-4:00	DC15	Annual Update in Surgical Critical Care (S)	204AB	
8:30-4:45	SC14	Advanced Surgical Skills for Exposure in Trauma (ASSET™) (S)	SIRL	
9:45-11:15	PS311	Peptic Ulcer 2018: They Still Obstruct, Perforate, and Bleed	Ballroom West	(W) (U)
9:45-11:15	PS313	Beyond the Massive Transfusion Protocol	259AB	(W) (U)
9:45-11:15	PS314	Colorectal Surgical Emergencies: What to Do in the Middle of the Night	257AB	(W) (U)
9:45-11:15	PS316	Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives	157A	(W) (U)
9:45-11:15	SI303	Stop the Bleed®: Bleeding Control Basic and Instructor Course	206AB	
11:30-12:30	ME302	Necrotizing Soft-Tissue Infections (S)	261	
11:30-12:30	ME313	Complex Abdominal Trauma (S)	256	
12:45-2:15	PS318	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	Ballroom West	(W) (U)
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (U)
12:45-4:00	VE307	Surgical Cases in Trauma	254AB	
2:30-4:00	PS327	Sepsis Update 2018	Ballroom East	(W) (U)
2:30-4:00	PS330	Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care	257AB	(W) (U)
4:15-5:45	PS337	I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon	157A	(W) (U)
4:15-5:45	SF328	Trauma VI	102AB	
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	(W) (U)
8:00-9:30	PS404	Ten Hot Topics in Surgical Patient Safety	157BC	(W) (U)
9:45-11:15	PS408	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	Ballroom East	(W) (U)
9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	(W) (U)
UROLOGY (URO)				
MONDAY, OCTOBER 22			ROOM	
9:00-9:30	NL01	Martin Memorial Lecture: NIH: The National Institutes of Hope	Exhibit Hall B2	(U)
9:45-11:15	PS105	A Multidisciplinary Approach to Gender Confirmation Surgery	109AB	(W) (U)
1:15-2:15	ME102	Genitourinary Trauma (S)	261	
2:30-4:00	PS120	Stoma Creation in the Challenging Patient	Exhibit Hall B2	(W) (U)
2:30-4:00	PS121	The Incidental Renal Mass: Observation, Ablation, or Surgery	151AB	(W) (U)

4:15-5:45	PS132	Contemporary Issues and Controversies in Men's Health	255	(W) (U)
4:15-5:45	SF120	Urological Surgery I	161	
TUESDAY, OCTOBER 23			ROOM	
11:30-12:30	ME209	Pediatric Urology (S)	154	
11:30-12:30	ME210	Female Urology (S)	155	
WEDNESDAY, OCTOBER 24			ROOM	
7:00-7:45	TH301	Doctors in Distress: Understanding and Addressing the Crisis of Burnout in Surgery	161	
9:45-11:15	PS310	Workup and Management of an Adrenal Incidentaloma	Ballroom East	(W) (U)
9:45-11:15	VE303	Urological Surgery	251	
11:30-12:30	ME306	Radical Prostatectomy vs. Watchful Waiting for Prostate Cancer (S)	101	
12:45-2:15	SF318	Urological Surgery II	160BC	
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	(W) (U)
THURSDAY, OCTOBER 25			ROOM	
9:45-11:15	PS408	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	Ballroom East	(W) (U)
VASCULAR SURGERY (VAS)				
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS104	Perioperative Management of Anticoagulants	153ABC	(W) (U)
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	(W) (U)
11:30-1:00	SF110	Vascular Surgery I	104ABC	
2:30-4:00	PS118	Contemporary Management of the Diabetic Foot	259AB	(W) (U)
4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	(W) (U)
4:15-5:45	PS131	Pediatric Vascular Anomalies: What's New and Improved?	151AB	(W) (U)
4:15-5:45	SF122	Vascular Surgery II	153ABC	
TUESDAY, OCTOBER 23			ROOM	
12:45-2:15	PS225	Contemporary Management of Inferior Vena Cava (IVC) Filters	161	(W) (U)
1:00-5:30	SC11	Basic Endovascular Skills for Trauma (BEST™) (S)	SIRL	
2:30-4:00	SF221	Vascular Surgery III	205A	
4:15-5:45	PS234	Vascular Complications of General Surgery Procedures	Ballroom West	(W) (U)
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	(W) (U)
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS302	Closing the Damage Control Abdomen	Exhibit Hall B2	(W) (U)
9:45-11:15	VE304	Vascular Surgery	254AB	
12:45-2:15	SF321	Vascular Surgery IV	255	
4:15-5:45	PS336	What's New in Retroperitoneal Sarcoma Care?	258ABC	(W) (U)

Credit to Address Regulatory Mandates

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

BMCP	Boston Marriott Copley Place
WBW	Westin Boston Waterfront
SIRL	Surgical and Interventional Research Laboratories Tufts Medical Center
STRATUS	STRATUS Center for Medical Simulation Brigham and Women's Hospital

- (\$) DC, ME, and SC Courses are Ticketed Sessions
 (W) Webcast session (Webcast package available for purchase)
 (A) Audio session (Audio available for purchase)

ETHICS (E)

MONDAY, OCTOBER 22			ROOM	
11:30-1:00	SF107	Ethics	157A	
1:15-2:15	ME106	Communication Skills for Difficult Surgical Conversations (\$)	101	
4:15-5:45	PS129	Coaching: Lessons Learned Through Harsh Experience	Ballroom West	(W) (A)
TUESDAY, OCTOBER 23			ROOM	
2:30-5:45	PS233	Ethics Colloquium: Money and Modern Surgical Practice: Navigating the Difficult Ethical Terrain	259AB	(W) (A)
WEDNESDAY, OCTOBER 24			ROOM	
9:45-10:45	NL10	John J. Conley Ethics and Philosophy Lecture: Value-Based Health Care Delivery: The Strategic Agenda	104ABC	(A)
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (A)
12:45-2:15	PS323	Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation	157BC	(W) (A)
OPIOID/PAIN MANAGEMENT (OPM)				
SUNDAY, OCTOBER 21			ROOM	
10:00-2:15	DC09	Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon (\$)	205A	
TUESDAY, OCTOBER 23			ROOM	
11:30-12:30	ME211	Assessing Chronic Pain following Inguinal Hernia Repair (\$)	260	
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS402	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	160BC	(W) (A)
9:45-11:15	PS409	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	160BC	(W) (A)

PALLIATIVE CARE (PA)

MONDAY, OCTOBER 22			ROOM	
1:15-2:15	ME106	Communication Skills for Difficult Surgical Conversations (\$)	101	
TUESDAY, OCTOBER 23			ROOM	
2:30-4:00	SF225	Geriatric and Palliative Care	157A	
WEDNESDAY, OCTOBER 24			ROOM	
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (A)
12:45-2:15	PS323	Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation	157BC	(W) (A)
2:30-4:00	PS330	Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care	257AB	(W) (A)
PATIENT SAFETY (PTS)				
			ROOM	
8:00-12:15	SC02A	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture Only) (\$)	208	
8:00-5:30	SC02B	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture and Lab) (\$)	Lecture-208 Lab-205BC	
SUNDAY, OCTOBER 21			ROOM	
9:00-4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (\$)	207	
10:00-2:15	DC09	Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon (\$)	205A	

MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS106	Implementing an ACS Strong for Surgery Program	151AB	W U
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	W U
1:15-2:15	ME108	Central Venous Access Devices: Achieving Zero Complications from Insertion to Home Care (S)	152	
2:30-4:00	PS123	Taking Enhanced Recovery to the Next Level: The Improving Surgical Care and Recovery Program	161	W U
TUESDAY, OCTOBER 23			ROOM	
9:00-1:15	DC14	Rescuing Critical Cases in the Operating Room (S)	204AB	
12:45-2:15	PS222	Reducing Surgical Wound Infections in Colon and Rectal Surgery	254AB	W U
2:30-4:00	PS232	Checking in on the Checklist: Ten Years of the WHO Surgical Safety Checklist	257AB	W U
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS303	Managing Bile Duct Injuries: State of the Art 2018	257AB	W U
8:00-9:30	PS306	Effective Handoffs of Care in the Perioperative Period	151AB	W U
11:30-12:30	ME305	What Just Happened? Dealing with Devastating Complications (S)	105	
11:30-12:30	ME309	Avoiding Thyroid Surgery Complications (S)	154	
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS404	Ten Hot Topics in Surgical Patient Safety	157BC	W U
8:00-9:30	VE401	Techniques in Robotic Surgery	160A	
RISK MANAGEMENT (RM)				
MONDAY, OCTOBER 22			ROOM	
11:30-1:00	PS113	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	255	W U
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS406	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	153ABC	W U

Credit to Address ACS Accreditation/Verification Requirements

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

BMCP	Boston Marriott Copley Place
WBW	Westin Boston Waterfront
SIRL	Surgical and Interventional Research Laboratories Tufts Medical Center
STRATUS	STRATUS Center for Medical Simulation Brigham and Women's Hospital

- DC, ME, and SC Courses are Ticketed Sessions
- Webcast session (Webcast package available for purchase)
- Audio session (Audio available for purchase)

BARIATRIC SURGERY (MBS)				
MONDAY, OCTOBER 22			ROOM	
9:45-1:00	VE101	Bariatric Surgery	251	
TUESDAY, OCTOBER 23			ROOM	
9:45-11:15	SF209	Bariatric/Foregut I	151AB	
12:45-2:15	SF216	Bariatric/Foregut II	151AB	
WEDNESDAY, OCTOBER 24			ROOM	
12:45-2:15	SF319	Bariatric/Foregut III	161	
2:30-4:00	PS326	Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes	Ballroom West	
4:15-5:45	SF329	Bariatric/Foregut IV	107ABC	
BREAST (BST)				
SUNDAY, OCTOBER 21			ROOM	
9:30-5:00	DC08	Atypical Breast Lesions: Defining and Managing This High-Risk Population	255	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	SF101	Breast I	102AB	
11:30-1:00	PS112	Personalized Breast Cancer Treatment and Tumor Genomics	Ballroom West	
1:15-2:15	ME105	Breast Cancer Management 2018	103	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	153ABC	
TUESDAY, OCTOBER 23			ROOM	
9:00-5:30	SC10	Oncoplastic Breast Surgery in My Practice	BMCP, Salon CD	
11:30-12:30	ME203	Approaches to Nipple-Sparing Mastectomy	106	
11:30-12:30	ME215	Personalized Medicine for Breast Cancer	213	
12:45-2:15	SF219	Breast II	255	
2:30-4:00	PS230	Is an Axillary Dissection an Obsolete Operation?	255	

WEDNESDAY, OCTOBER 24			ROOM	
9:45-11:15	SF310	Breast III	107ABC	
11:30-12:30	ME301	Management of the Axilla in T1 or T2 Breast Cancer	108	
12:45-2:15	PS320	Oncoplastic Breast Surgery for the General and Breast Surgeon	258ABC	
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS403	Are We Doing Too Many Bilateral Mastectomies?	258ABC	
CANCER (C)				
SUNDAY, OCTOBER 21			ROOM	
8:15-5:30	SC05	Thyroid, Parathyroid, and Neck Ultrasound	210B	
9:30-5:00	DC08	Atypical Breast Lesions: Defining and Managing This High-Risk Population	255	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	SF103	Surgical Oncology I	157BC	
11:30-1:00	PS109	Multidisciplinary Approach to Rectal Cancer	109AB	
11:30-1:00	PS112	Personalized Breast Cancer Treatment and Tumor Genomics	Ballroom West	
1:15-2:15	ME105	Breast Cancer Management 2018	103	
1:15-2:15	ME112	Caring for the Young Adult Cancer Patient	159	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	153ABC	
2:30-4:00	PS121	The Incidental Renal Mass: Observation, Ablation, or Surgery	151AB	
4:15-5:45	PS115	Head and Neck Melanoma	Exhibit Hall B2	
4:15-5:45	PS127	Colorectal Cancer with Hepatic Metastases	157A	

TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	SF204	Surgical Oncology II	251	
9:00-5:30	SC10	Oncoplastic Breast Surgery in My Practice (S)	BMCP, Salon CD	
9:45-11:15	PS212	Gallbladder Cancer: State of the Art	Exhibit Hall B2	(W) (U)
9:45-11:15	PS215	Contemporary Evaluation and Management of the Adult Neck Mass	205A	(W) (U)
11:30-12:30	ME201	Medullary Thyroid Cancer: What You Need to Know (S)	108	
11:30-12:30	ME202	Gastrointestinal Stromal Tumors (GIST) (S)	261	
11:30-12:30	ME203	Approaches to Nipple-Sparing Mastectomy (S)	106	
11:30-12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know? (S)	158	
11:30-12:30	ME215	Personalized Medicine for Breast Cancer (S)	213	
12:45-2:15	PS223	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	257AB	(W) (U)
2:30-4:00	PS230	Is an Axillary Dissection an Obsolete Operation?	255	(W) (U)
4:15-5:45	SF232	Surgical Oncology III	109AB	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS301	New Key to Cancer Cure: Checkpoint Inhibitor Therapy	Ballroom West	(W) (U)
9:45-11:15	PS309	Thyroid Cancer: Who Really Needs Surgery?	Exhibit Hall B2	(W) (U)
9:45-11:15	PS310	Workup and Management of an Adrenal Incidentaloma	Ballroom East	(W) (U)
9:45-11:15	PS312	Neuroendocrine Tumors: What Are They and How Should They be Managed?	157BC	(W) (U)
9:45-11:15	SF309	Surgical Oncology IV	102AB	
11:30-12:30	ME301	Management of the Axilla in T1 or T2 Breast Cancer (S)	108	
11:30-12:30	ME303	Newer Targeted Therapies for Thyroid Cancer (S)	155	
11:30-12:30	ME306	Radical Prostatectomy vs. Watchful Waiting for Prostate Cancer (S)	101	
11:30-12:30	ME307	Anal Neoplasia (S)	150	
11:30-12:30	ME308	Total Mesorectal Excision: When and How (S)	152	
12:45-1:45	NL11	Commission on Cancer Oncology Lecture: Microbes and Cancer: A Missing Link	104ABC	(U)
12:45-2:15	PS319	Surgical Emergencies in the Cancer Patient	257AB	(W) (U)
12:45-2:15	PS320	Oncoplastic Breast Surgery for the General and Breast Surgeon	258ABC	(W) (U)
2:30-4:00	SF327	Surgical Oncology V	107ABC	

4:15-5:45	PS334	Thyroid Nodules and Cancer: How Does Molecular Profiling Influence Surgery?	259AB	(W) (U)
4:15-5:45	PS336	What's New in Retroperitoneal Sarcoma Care?	258ABC	(W) (U)
4:15-5:45	PS338	Regionalization of Surgical Oncology Care: Pros and Cons	157BC	(W) (U)
THURSDAY, OCTOBER 25			ROOM	
8:00-9:30	PS403	Are We Doing Too Many Bilateral Mastectomies?	258ABC	(W) (U)
8:00-9:30	PS405	Molecular Profiling to Guide Cardiac and Thoracic Surgery	259AB	(W) (U)
9:45-11:15	PS410	Ten Hot Topics in Surgical Oncology	258ABC	(W) (U)
PEDIATRIC SURGERY (PEDS)				
SUNDAY, OCTOBER 21			ROOM	
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies (S)	Lecture-209 Lab-210C	
MONDAY, OCTOBER 22			ROOM	
1:15-2:15	ME101	Enteral Access for Nutrition (S)	155	
2:30-4:00	PS117	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	153ABC	(W) (U)
2:30-4:00	SF118	Pediatric Surgery I	157A	
4:15-5:45	PS126	Current Controversies in the Diagnosis and Management of Appendicitis	Ballroom East	(W) (U)
4:15-5:45	PS131	Pediatric Vascular Anomalies: What's New and Improved?	151AB	(W) (U)
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	PS206	Imaging the Injured Child: Who, When, and How?	157BC	(W) (U)
8:00-9:30	PS208	How Do I Get My Hospital Verified as a Children's Surgical Center?	Ballroom West	(W) (U)
9:45-11:15	PS216	Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know about Pediatric Intestinal Emergencies	251	(W) (U)
11:30-12:30	ME209	Pediatric Urology (S)	154	
12:45-2:15	SF218	Pediatric Surgery II	259AB	
2:30-4:00	PS231	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	161	(W) (U)
4:15-5:45	SF234	Pediatric Surgery III	151AB	
WEDNESDAY, OCTOBER 24			ROOM	
8:00-11:15	VE301	Pediatric Surgery	160A	
12:45-2:15	PS318	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	Ballroom West	(W) (U)
4:15-5:45	PS333	Retrieval of Introduced Foreign Objects: Top to Bottom	Ballroom East	(W) (U)

TRAUMA (T)				
SUNDAY, OCTOBER 21			ROOM	
7:00-4:30	PS001	Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care	153ABC	
8:00-3:30	DC05	Annual Trauma Update: The Cutting Edge and Future of Trauma (\$)	204AB	
MONDAY, OCTOBER 22			ROOM	
9:45-11:15	PS103	Management of the Outpatient Burn Wound	Ballroom West	(W) (U)
9:45-11:15	PS104	Perioperative Management of Anticoagulants	153ABC	(W) (U)
11:30-1:00	PS108	Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?	Ballroom East	(W) (U)
11:30-1:00	SF109	Trauma I	157BC	
1:15-2:15	ME101	Enteral Access for Nutrition (\$)	155	
1:15-2:15	ME102	Genitourinary Trauma (\$)	261	
1:15-2:15	ME110	Fixation of Fractured Ribs (\$)	108	
2:30-4:00	PS116	Can't Ventilate? Can't Oxygenate? Now What?	Ballroom West	(W) (U)
2:30-4:00	PS124	Firearm Injuries in the U.S.: A Public Health Approach Centered Upon Partnership and Engagement	258ABC	(W) (U)
4:15-5:45	PS128	Multi-Organ Pelvic Trauma: Current Management	109AB	(W) (U)
4:15-5:45	SF123	Critical Care Surgery	251	
TUESDAY, OCTOBER 23			ROOM	
8:00-9:30	PS206	Imaging the Injured Child: Who, When, and How?	157BC	(W) (U)
8:00-9:30	SF203	Trauma II	205A	
8:00-9:30	PS220	A Night on Call in the Surgical Intensive Care Unit: Case Panel	153ABC	(W) (U)
9:45-10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture: Civilian and Military Trauma: Training to Successfully Intervene and Save Lives	104ABC	(U)
11:30-12:30	ME208	Minimally Invasive Acute Care Surgery: What, When, and by Whom? (\$)	152	
12:45-1:30	NL07	Scudder Oration on Trauma: Homeward Bound	Exhibit Hall B2	(U)

12:45-2:15	PS218	World War I: The Dawn of Evidence-Based Casualty Care	258ABC	(W) (U)
1:00-5:30	SC11	Basic Endovascular Skills for Trauma (BEST™) (\$)	SIRL	
2:30-4:00	PS227	Clostridium Difficile Colitis: What is New?	Exhibit Hall B2	(W) (U)
2:30-4:00	SF227	Trauma IV	109AB	
4:15-5:45	PS235	A Night on Emergency General Surgery Call	Exhibit Hall B2	(W) (U)
4:15-5:45	PS236	Difficult Trauma Exposures: How I Do It	Ballroom East	(W) (U)
WEDNESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS302	Closing the Damage Control Abdomen	Exhibit Hall B2	(W) (U)
8:00-9:30	PS305	Bedside Image-Guided Interventions for Surgeons	259AB	(W) (U)
8:00-9:30	SF306	Trauma V	157BC	
8:30-4:00	DC15	Annual Update in Surgical Critical Care (\$)	204AB	
8:30-4:45	SC14	Advanced Surgical Skills for Exposure in Trauma (ASSET™) (\$)	SIRL	
9:45-11:15	PS313	Beyond the Massive Transfusion Protocol	259AB	(W) (U)
9:45-11:15	PS316	Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives	157A	(W) (U)
11:30-12:30	ME302	Necrotizing Soft-Tissue Infections (\$)	261	
11:30-12:30	ME313	Complex Abdominal Trauma (\$)	256	
12:45-2:15	PS318	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	Ballroom West	(W) (U)
12:45-4:00	VE307	Surgical Cases in Trauma	254AB	
2:30-4:00	PS327	Sepsis Update 2018	Ballroom East	(W) (U)
4:15-5:45	PS337	I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon	157A	(W) (U)
4:15-5:45	SF328	Trauma VI	102AB	
THURSDAY, OCTOBER 25			ROOM	
9:45-11:15	PS408	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	Ballroom East	(W) (U)

Special Interest Sessions

CME Credit not available for these sessions.

Sunday, October 21

Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents Day 1

10:00 am-5:00 pm

LOCATION: 160ABC

TRACK(S): RES-MED

Residents from all postgraduate year levels are invited to attend this multifaceted program of presentations, discussions, and activities specially designed with the surgical resident in mind. Offered by the American College of Surgeons (ACS) Division of Education, Division of Member Services, and the Resident and Associate Society (RAS-ACS), this two-day program will be held in conjunction with Clinical Congress 2018. Featured presentations will include:

- Marketing Tips for the Young Surgeon
- Job-Seeking Strategies
- Negotiation Skills and Contracts
- Leadership Skills for Every Career Stage
- Wellness, Resiliency, and Optimal Performance

Other events include:

- Symposium: Physician Extenders in Academic Surgery
- Skills Competition: So You Think You Can Operate

Residents will also have the opportunity to join small group discussions led by leaders from the ACS, including Fellows, Young Fellows, and Resident and Associate Members.

There will be a variety of topics to choose from such as:

- Negotiating your Hospital-Based Job
- Transitioning to Practice
- Surgical Volunteerism
- Teaching Medical Students and Residents
- Maneuvering Hospital Politics
- Coding/Billing 101

Day 1 Programming

Welcome and Introductory Remarks

Ice Breaker

RAS-ACS Membership Committee

Fireside Chat with Barbara Lee Bass, MD, FACS, President, American College of Surgeons

Marketing for the Young Surgeon

Why Understanding Marketing is Important / Vision for the Future

Fernando Lamounier, MD, FACC, FACS

Lunch/Introduction to RAS-ACS and the American College of Surgeons Professional Association Political Action Committee (*SurgeonsPAC*)

Symposium: Physician Extenders in Academic Surgery: Integrated Partners or Parallel Players?

Introduction to Afternoon Events

Concurrent Sessions: So You Think You Can Operate? (Skills Competition) and Roundtable Topics

This is a two-day program that continues on Monday, October 22, 2018 at 10:00 am. Please refer to Monday's listing for the Day 2 programming schedule.

Medical Student Program Day I

11:30 am-6:00 pm

LOCATION: 52AB

TRACK(S): RES-MED

The American College of Surgeons (ACS) Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing technique in interactive sessions with surgeons, as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Special features of Sunday's program include an informal discussion on lifestyle issues in surgery entitled Walk the Talk: Work-Life Integration during Residency followed by a presentation by Martha A. Zieger, MD, FACS, titled Journey of a Surgeon Scientist: Oh, The Roads You Will Travel! Later in the day, there will be a networking event with surgeon representatives from different surgical specialties and various practice settings. Residency program administrators will also be on hand to answer "nuts and bolts" questions for aspiring surgery residents.

Also incorporated in this program is the Medical Student Program e-Poster Session, during which 48 medical students will present their research in one of three categories: clinical research; basic science research; and outcomes, innovation, or educational research. Surgeon and resident volunteer judges will critique these presentations. First and second place winners in each category will be formally recognized during Tuesday's program.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or at 312-202-5404. On site, contact the Division of

Education Office at the headquarters hotel, or the Division of Education booth at ACS Central at the Boston Convention & Exhibition Center. You may also visit our website at <https://www.facs.org/clincon2018/events/special/medical-student>.

SPEAKER:

Martha A. Zeiger, MD, FACS, Charlottesville, VA

Sponsored by the Committee on Medical Student Education

Commission on Cancer Annual Meeting

3:00-5:00 pm

LOCATION: Westin Boston Waterfront, Grand Ballroom A-B

The Commission on Cancer (CoC) encourages all Fellows and other Clinical Congress registrants to attend the CoC Annual Meeting, Sunday, October 21, 3:00-5:00 pm.

Plan to join more than 300 surgeons, visiting oncologists, and other health care professionals at this annual event chaired by Lawrence N. Shulman, MD, FACP, CoC Chair.

The CoC Annual Meeting will feature:

- Keynote speaker:
Clifford A. Hudis, MD, FACP, FASCO
Chief Executive Officer, American Society of Clinical Oncology
- Presentation by the 2018 CoC Paper Competition Winner
- CoC updates
- CoC elections
- Recognition of outgoing CoC members

All attendees are invited to the cocktail reception starting immediately after the meeting.

Convocation

6:00-8:00 pm

LOCATION: Exhibit Hall B2

The Convocation ceremony confers Fellowship upon those surgeons who have successfully met the American College of Surgeons (ACS) requirements to provide optimal care to the surgical patient. The ceremony also includes the following: an invocation; a response on behalf of the new Fellows; induction of new Honorary Fellows; presentation of the Distinguished Service Award, the Surgical Forum Award, and the Women in Surgery Committee's Mary Edwards Walker Inspiring Women in Surgery Award; installation of the ACS Officers; and the Presidential Address.

The first Convocation ceremony took place November 13, 1913, at the Congress Hotel in Chicago, IL. The inaugural class of 1,059 surgeons hailed from the U.S. and Canada and included six women surgeons.

All Initiates must register for Clinical Congress if they plan to participate in the Convocation. All Initiates will be granted Fellowship in the College during the ceremony regardless of their attendance at the event and may begin using the FACS designation upon the conclusion of the ceremony.

Monday, October 22

Opening Ceremony

8:00-9:00 am

LOCATION: Exhibit Hall B2

PRESIDENT PRESIDING: Ronald V. Maier, MD, FACS, FRCSEd(Hon), Seattle, WA

The Colors and Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year.

The President introduces ACS Honorary Fellows, the Recipient of the Distinguished Philanthropist Award, the College's Officers and Regents, Past-Presidents, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars. An annual overview of the College will be reported by David B. Hoyt, MD, FACS, ACS Executive Director. The Martin Memorial Lecture, sponsored by the American Urological Association, follows immediately at 9:00-9:30 am.

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: Exhibit Hall A

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display Monday, October 22, through Wednesday, October 24. Presentations and judging will take place Monday from 9 am-12 noon. The winning poster and runner-up will be announced at the ACS Surgical History Group Breakfast on Tuesday morning.

Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents Day 2

10:00 am-2:00 pm

LOCATION: 162AB

TRACK(S): RES-MED

This is the continuation of the two-day program which started on Sunday, October 21, 2018. Refer to Sunday's listing for a complete program description.

Day 2 Programming

Welcome and Introductory Remarks

Building Your Financial Future: They Never Taught Me That in Residency

Craig J. Baker, MD, FACS

Physician Jobs and Contracts: Selecting and Negotiating for Your Best Career Move and Peace of Mind
Roger G. Bonds, MBA, FMSS, CMSR

Lunch

Maintaining the Fire: Surgeon Well-Being, Resiliency, and Optimal Performance

Taylor S. Riall, MD, PhD, FACS

Leading from Any Seat

Julie A. Freischlag, MD, FACS, FRCSEd(Hon)

Closing Remarks

Medical Student Program Day II

1:00-6:00 pm

LOCATION: 160BC

TRACK(S): RES-MED

The ACS Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing skills in interactive sessions with surgeons as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Special features of Monday's program will include a talk on technology in education, given by Roy Phitayakorn, MD, MHPE (MEd), FACS, titled BFF: How Ed Tech Can Help You Succeed and Thrive in Residency. This will be followed by a presentation by David R. King, MD, FACS, titled 26.2 Lessons from the Boston Marathon Bombing: From Runner to Running the Operating Room followed by comments from ACS President, Ronald V. Maier, MD, FACS, FRCSEd(Hon). Also featured will be a resident panel discussing decision making on the path to residency and beyond, and roundtable sessions for students to learn and practice knot tying and suturing, discuss elements of an effective personal statement, and learn more about the residency application process.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or at 312-202-5404. On site, contact the Division of Education Office at the headquarters hotel, or the Division of Education booth at ACS Central at the Boston Convention & Exhibition Center. You may also visit our website at <https://www.facs.org/clincon2018/events/special/medical-student>.

SPEAKERS:

Roy Phitayakorn, MD, MHPE(MEd), FACS, *Cambridge, MA*
David R. King, MD, FACS, *Boston, MA*
Ronald V. Maier, MD, FACS, FRCSEd(Hon), *Seattle, WA*

Sponsored by Committee on Medical Student Education

Stop the Bleed®: Bleeding Control Basic and Instructor Course

2:30-4:00 pm

LOCATION: 206AB

TRACK(S): B

Studies have shown that the help given by an immediate responder can often make the difference between life and death, even before professional rescuers arrive. The Bleeding Control Basic course gives participants the necessary tools to become an empowered initial responder.

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding as a method to stop an active bleed. The course includes a class presentation and hands-on skills demonstration on tourniquet application, wound packing, and pressure application. At the conclusion of the course, participants will receive tips on how to present the materials, and discussion of ways to provide a positive learning experience in teaching a Bleeding Control Basic course.

ACS Chapter Networking

3:00-5:00 pm

LOCATION: Westin Boston Waterfront, Grand Ballroom A

The annual ACS Chapter Networking event is an opportunity for participants to interact with current and past chapter leaders, ACS Governors, and College administrators to learn new strategies, tips, and best practices to enhance programming and management for ACS chapter success.

Attendees will have the opportunity to engage in several 15-minute discussions on topics of importance to domestic and international chapters such as membership recruitment and engagement, advocacy, communications and social media, and creating dynamic chapter meetings and events. Registration is not required.

Young Fellows Association (YFA) Program

4:00-5:45 pm

LOCATION: 108

The YFA Program includes an overview of the association's activities by the current Chair Adnan Alseidi, MD, FACS, and Vice-Chair Robert Winfield, MD, FACS; a roundtable discussion; and updates from the YFA workgroups. The program ends with a networking reception that provides the opportunity for Initiates and Young Fellows to interact with incoming ACS President Ronald V. Maier, MD, FACS, FRCSEd(Hon), and YFA leadership.

Stop the Bleed®: Bleeding Control Basic and Instructor Course

4:15-5:45 pm

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description at the top of this page.

Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students

6:00-9:00 pm

LOCATION: Boston Marriott Copley Grand Ballroom, Salon F

TRACK(S): RES-MED, CTS

COURSE DIRECTORS:Jennifer Walker, MD, UMass Memorial Medical Center, *Worcester, MA*Rishindra M. Reddy, MD, University of Michigan, *Ann Arbor, MI*
Thomas E. MacGillivray, MD, DeBakey Heart and Vascular Center, *Houston, TX*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons today, and provide information about upcoming new technologies and integrated cardiothoracic surgery training programs. The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience, and have the opportunity to perform, these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (Buffet dinner provided at 6:00 pm.)

Welcome and IntroductionJennifer Walker, MD, *Worcester, MA*Rishindra M. Reddy, MD, *Ann Arbor, MI***Update to the Traditional and Integrated Cardiothoracic Surgery Program**Rishindra M. Reddy, MD, University of Michigan, *Ann Arbor, MI***A Day in the Life of a Cardiac Surgeon**Jennifer Walker, MD, UMass Memorial Medical Center, *Worcester, MA***A Day in the Life of a Thoracic Surgeon**Rishindra M. Reddy, MD, University of Michigan, *Ann Arbor, MI***Wet Lab Orientation and Station Assignments**Cardiac Stations

Aortic Valve Replacement

Vessel Suturing

Mitral Valve Repair

Thoracic Stations

VATS Lobectomy

Esophageal Anastomosis

Chest Wall Reconstruction/Rib Fixation

Tuesday, October 23**ACS Surgical History Group Breakfast**

7:00-8:00 am

LOCATION: 52AB

Join your colleagues who share an interest in surgical history at the ACS Surgical History Group Breakfast. This year's guest lecturer will be John L. Cameron, MD, FACS, who will speak on surgeon John M.T. Finney, MD, FACS, the first President of the American College of Surgeons. This breakfast will provide an opportunity for you to share stories and discuss where surgery has been and how best to preserve it into the future.

2018 Owen H. Wangenstein Scientific Forum Dedication, Resident & Research Scholarship, and Awards

8:00-9:30 am

LOCATION: 253ABC

TRACK(S): RES-MED

The Owen H. Wangenstein Scientific Forum Committee will dedicate the abstract supplement to Michael W. Mulholland, MD, FACS. Introductory remarks for the dedication will be given by Mary T. Hawn, MD, FACS, Scientific Forum Committee Chair, and introductory remarks for Dr. Mulholland will be given by Sandra L. Wong, MS, FACS, FASCO, and Timothy M. Pawlik, MD, MPH, PhD, FACS. Following the dedication, Dr. Hawn will distribute 16 awards for excellence in research. Surgery residents and their mentors are invited to attend the dedication and awards distribution.

Stop the Bleed®: Bleeding Control Basic and Instructor Course

8:00-9:30 am

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: Exhibit Hall A

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display Monday, October 22, through Wednesday, October 24. The winning poster and runner-up will be announced during the ACS Surgical History Group Breakfast on Tuesday morning.

Stop the Bleed®: Bleeding Control Basic and Instructor Course

9:45-11:15 am

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Owen H. Wangenstein Scientific Forum e-Posters of Exceptional Merit

11:30 am-12:30 pm

LOCATION: 253ABC

TRACK(S): GEN, RES-MED

More than 500 e-Posters will be on display at the Clinical Congress, but only a select few will be designated e-Posters of Exceptional Merit. Scientific Forum Committee Chair, Mary T. Hawn, MD, FACS, will facilitate a lunchtime discussion of the Posters of Exceptional Merit. Authors will present their distinguished work and answer questions before the award presentation for the Best Scientific e-Poster and Best International Scientific e-Poster.

Sponsored by the Owen H. Wangenstein Scientific Forum Committee

Associate Fellow Special Interest Session: Why Should I Become a FACS and How Do I Do It?

12:00-1:00 pm

LOCATION: 203

This session describes what the Fellow of the American College of Surgeons (FACS) designation adds to your professional credentials. Young fellows and application staff will discuss what the FACS means to them, the benefits from a junior faculty perspective, and the timeline and basic steps necessary to complete the FACS application.

RAS-ACS Annual Business Meeting

12:00-4:00 pm

LOCATION: Westin Boston Waterfront, Grand Ballroom E

TRACK(S): RES-MED

All resident attendees are encouraged to attend the Resident and Associate Society of the American College of Surgeons (RAS-ACS) Annual Business Meeting. The meeting, which will be led by the RAS-ACS Executive Committee, will include a description of RAS-ACS and its recent activities, and it will outline opportunities for members to become more active within the College.

Each of the four standing RAS-ACS Committees will meet for 40 minutes during the session to present their plans for the year and hold elections for leadership positions. Registration is not required.

Committee Schedule

12:40-1:20 pm: Advocacy and Issues

1:20-2:00 pm: Education

2:00-2:40 pm: Membership

2:40-3:30 pm: Communications

Vice-Chair Elections

Each committee will be holding an election for the Vice-Chair position. If you are interested in running for a leadership position, be prepared to provide a brief presentation on what you can contribute to the position. A paper

ballot will be distributed to elect the winner. The Vice-Chair position ascends to Chair of the respective RAS-ACS Committee the following year. Responsibilities include supporting the work of the committee, attending monthly conference calls, taking minutes or preparing the monthly call agenda, and serving in the role of chair as needed.

Medical Student Program Day III

1:00-6:00 pm

LOCATION: 104ABC

TRACK(S): RES-MED

The Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing skills in interactive sessions with surgeons as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Leigh A. Neumayer, MD, FACS. This will be followed by a presentation by Ajit K. Sachdeva, MD, FACS, FRCSC, Director, ACS Division of Education. Afterward, students will learn the critical elements of the residency interview from an in-depth panel discussion, and will then practice their interviewing skills during an interactive session with surgeons. They will then have the opportunity to informally network with residency program directors.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or at 312-202-5404. Onsite, contact the Division of Education Office at the headquarters hotel, or the Division of Education booth at ACS Central at the Boston Convention & Exhibition Center. You may also visit our website at <https://www.facs.org/clincon2018/events/special/medical-student>.

SPEAKERS:

Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Sponsored by the Committee on Medical Student Education

Stop the Bleed® : Bleeding Control Basic and Instructor Course

2:30-4:00 pm

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Young Fellows Association Speed Mentoring Program

4:00-5:00 pm

LOCATION: Westin Boston Waterfront, Harbor Ballroom III

TRACK(S): RES-MED

The Young Fellows Association (YFA) invites Resident Members and Associate Fellows of the College interested in mentorship to participate in the fourth annual YFA Speed Mentoring Program. Approximately 100 surgeon mentors will be on hand to meet with Resident Members and Associate Fellows in a fast-paced, hour-long session that will allow each participant to cycle through and talk with at least six mentors on focused topics of interest.

This event is cosponsored by the YFA and the Resident and Associate Society of the American College of Surgeons (RAS-ACS). For more information, contact Alison Powers at yfellows@facs.org

Rural Surgeons Open Forum and Oweida Scholarship Presentation

4:15-5:45 pm

LOCATION: 255

TRACK(S): RUS

The session opens with the introduction of the three 2018 Nizar N. Oweida Scholarship recipients:

- Medhat Y.Z. Fanous, MD, FACS, a general surgeon from *Iron River, MI*
- Arun Raman, MBBS, a general surgeon from *Lincoln City, OR*
- Alexander D. Wade, MD, FACS, a general surgeon from *Viroqua, WI*

The Advisory Council for Rural Surgery (ACRS) sponsors this open forum to facilitate direct communication with rural surgeons and the ACRS. Following a brief description of the current projects of the ACRS, we will hold an open forum with all in attendance. This forum will focus on recruitment efforts, call relief strategies, and how to get the resources you need to provide optimal care to your patients. The ACRS is committed to being your vehicle to make change, to be your voice to ACS leadership, and to make the ACS even more relevant to your practice. We are committed to helping you provide optimal surgical care to your patients in your community.

Stop the Bleed® : Bleeding Control Basic and Instructor Course

4:15-5:45 pm

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Symposium for Surgical Palliative Care

6:00-8:00 pm

LOCATION: Westin Boston Waterfront, Harbor Ballroom III

TRACK(S): GER, ETH, ONC

The Division of Education invites attendees to the fourth annual Symposium for Surgical Palliative Care, during which eight presenters will briefly discuss current research related to education, quality improvement, outcomes research, qualitative studies, and ongoing works in progress. An opportunity for lively discussion of this community's rich and varied academic work will follow.

Sponsored by the Committee on Surgical Palliative Care

Wednesday, October 24**Pathways in Surgical Education for Residents and Medical Students**

6:45-7:50 am

LOCATION: 159

TRACK(S): RES-MED

Residents and medical students are invited to attend this inaugural session offered by the American College of Surgeons (ACS) Division of Education and the Association for Surgical Education (ASE), in conjunction with Clinical Congress 2018. During this breakfast meeting, participants will meet with recognized leaders to explore opportunities for young surgeons within Surgical Education. Attendees will learn more about opportunities within the following areas:

- Education research
- Committee involvement in ACS and/or ASE
- Careers in surgical education

There is no additional cost to attend this program. To participate in this program, registration for both the program and the ACS Clinical Congress 2018 is required.

For additional information, contact Steffanye Hawbaker Mack at shawbaker@facs.org.

Stop the Bleed®: Bleeding Control Basic and Instructor Course

8:00-9:30 am

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: Exhibit Hall A

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display Monday, October 22 through Wednesday, October 24. The winning poster and runner-up was announced during the ACS Surgical History Group Breakfast on Tuesday morning.

Stop the Bleed®: Bleeding Control Basic and Instructor Course

9:45-11:15 am

LOCATION: 206AB

TRACK(S): TRA

This course is designed to train individuals on what to do as an immediate responder in a bleeding emergency, and covers the ABCs of bleeding control. For more information, see the expanded description on page 31.

Annual Business Meeting of Members

4:15-5:15 pm

LOCATION: 104ABC

PRESIDENT PRESIDING: Ronald V. Maier, MD, FACS, FRCSEd(Hon), *Seattle, WA*

Annual status reports are presented by the Chair of the Board of Regents, the Chair of the Board of Governors, the Executive Director, the Chair of the ACS Foundation Board of Directors, and the Chair of the ACSPA-SurgeonsPAC Board.

Presentation of the Resident Award for Exemplary Teaching, the Jameson L. Chassin Award for Professionalism in General Surgery, and the Joan L. and Julius H. Jacobson II Promising Investigator Award will also take place. Reports from the Nominating Committee of the Board of Governors and the Nominating Committee of the Fellows will also be presented and the President-Elect and the Vice-Presidents-Elect will be introduced.

Report of the Chair of the Board of Regents
Leigh A. Neumayer, MD, FACS, *Tucson, AZ*

Report of the Chair of the Board of Governors
Diana L. Farmer, MD, FACS, FRCS, *Sacramento, CA*

Report of the Executive Director of the College
David B. Hoyt, MD, FACS, *Chicago, IL*

Report of the Chair of the Board of Directors of the ACS Foundation
Mary H. McGrath, MD, MPH, FACS, *San Francisco, CA*

Report of the Chair of the Board of Directors of the ACSPA-SurgeonsPAC
Danny R. Robinette, MD, FACS, *Fairbanks, AK*

Presentation of the Resident Award for Exemplary Teaching
The President

Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery
The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award
The President

Recipient: Hari Nathan, MD, PhD, FACS, *Ann Arbor, MI*
Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents; and the Election of Officers of the Board of Governors

Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

New business

Adjournment

NAMED LECTURES

Monday, October 22

NL01 | 9:00-9:30 am Martin Memorial Lecture: NIH: The National Institutes of Hope

LOCATION: Exhibit Hall B2

TRACK(S): GEN, URO

PRESIDING OFFICER AND INTRODUCER:
Ronald V. Maier, MD, FACS,
FRCSEd(Hon), Seattle, WA

LECTURER: Francis S. Collins, MD, PhD, Bethesda, MD

The Martin Memorial Lecture and the American Urological Association Lecture (AUA) have been combined for presentation during the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College and his wife, Isabelle Hollister Martin.

Sponsored by the American Urological Association and alternately nominated by the Advisory Council for Urology and the ACS Honors Committee

NL02 | 9:45-10:45 am John H. Gibbon, Jr., Lecture: Early Hospital Mortality: A Misleading Metric for Quality Assurance in the New Era of Hybrid Palliation of Congenital Heart Disease

LOCATION: 104ABC

TRACK(S): CTS

PRESIDING OFFICER AND INTRODUCER:
David T. Cooke, MD, FACS, Sacramento, CA

LECTURER: Richard A. Jonas, MB, BS, FACS, Washington, DC

Established in 1971 to honor this pioneer in open-heart surgery.

Sponsored by the Advisory Council for Cardiothoracic Surgery



Francis S. Collins



Richard A. Jonas

NL03 | 2:30-3:30 pm Charles G. Drake History of Surgery Lecture: Slow Ideas: Scaling Surgery

LOCATION: 104ABC

TRACK(S): NEU

PRESIDING OFFICER AND INTRODUCER:
William C. Welch, MD, FACS, Philadelphia, PA

LECTURER: Atul A. Gawande, MD, MPH, FACS, Boston, MA

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.

Sponsored by the Advisory Council for Neurological Surgery



Atul A. Gawande

NL04 | 4:15-5:00 pm I.S. Ravdin Lecture in the Basic and Surgical Sciences: Suppressing the Immune System: The Good, The Bad, and The Ugly

LOCATION: 104ABC

TRACK(S): GEN, BTR

PRESIDING OFFICER AND INTRODUCER:
Amy L. Halverson, MD, FACS,
FASCRS, Chicago, IL

LECTURER: John J. Fung, MD, PhD, FACS, FAASLD, Chicago, IL

Sponsored by the I.S. Ravdin Surgical Society since 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery



John J. Fung

Tuesday, October 23

NL05 | 8:00-9:00 am Herand Abcarian Lecture: Privilege and Responsibility: A 20-Year Journey

LOCATION: 104ABC

TRACK(S): CRS

PRESIDING OFFICER AND INTRODUCER:
David E. Beck, MD, FACS, FASCRS,
New Orleans, LALECTURER: Zane Cohen, MD, FACS,
FRCSC, Toronto, ON

Established by the Chicago Society of Colon and Rectal Surgery in 2006 to honor this colon and rectal surgeon and to address issues of relevance to the surgical community at-large and focus on emerging issues in surgery.

Sponsored by the Advisory Council for Colon and Rectal Surgery



Zane Cohen

NL06 | 9:45-10:45 am**Excelsior Surgical Society/
Edward D. Churchill Lecture:
Civilian and Military
Trauma: Training to Successfully
Intervene and Save Lives**

LOCATION: 104ABC

TRACK(S): GEN, TRA

PRESIDING OFFICER AND INTRODUCER:
COL Stacy A. Shackelford, MD,
FACS, USAF, MC, Houston, TXLECTURER: Demetrios Demetriades, MD, PhD, FACS, Los
Angeles, CA

This lecture is named for the Excelsior Surgical Society, a group of 80 medical officers who met for the first time in 1945 at the Excelsior Hotel, Rome, Italy. This lecture also honors COL Edward C. Churchill, a famous surgeon and consultant to the U.S. Army in the World War II Italian Theatre, who presented the first keynote address at the meeting.

Sponsored by the ACS Military Health System Strategic Partnership



Demetrios Demetriades

NL07 | 12:45-1:30 pm**Scudder Oration on Trauma:
Homeward Bound**

LOCATION: Exhibit Hall B2

TRACK(S): TRA

PRESIDING OFFICER AND INTRODUCER:
Eileen M. Bulger, MD, FACS,
Seattle, WALECTURER: Thomas M. Scalea, MD,
FACS, MCCM, Baltimore, MD

Honoring Charles Locke Scudder, a founding member of the College and a major contributor to the surgery of trauma.

Sponsored by the Committee on Trauma



Thomas M. Scalea

NL08 | 2:30-3:30 pm**Olga M. Jonasson Lecture:
A Path Toward Diversity,
Inclusion, and Excellence**

LOCATION: 151AB

TRACK(S): GEN

PRESIDING OFFICER AND INTRODUCER:
Susan E. Pories, MD, FACS,
Cambridge, MALECTURER: Joan Y. Reede, MD, MS,
MPH, MBA, Boston, MA

Established by the Women in Surgery Committee to honor the memory of Olga M. Jonasson, MD, FACS, who died in August 2006. This lectureship is a testimony to leadership and education in surgery and a reflection of the capacity of women to reach academic pinnacles.

Sponsored by the Women in Surgery Committee



Joan Y. Reede

Wednesday, October 24**NL09** | 8:00-9:00 am**Distinguished Lecture of the
International Society of Surgery:
Computer-Assisted Technologies:
The Magic Wand of Surgery**

LOCATION: 104ABC

TRACK(S): HUM, INFO, INT

PRESIDING OFFICER AND INTRODUCER:-
Peter Angelos, MD, PhD, FACS,
Chicago, ILLECTURER: Jacques Marescaux, MD, FACS, FRCS(Hon),
FJSES(Hon), FASA(Hon), Strasbourg, France

Established in 1990 and endowed by the U.S. Chapter of the International Society of Surgery to recognize the Society's worthwhile activities by honoring distinguished international surgeons.

Sponsored by the U.S. Chapter of the International Society of Surgery



Jacques Marescaux

NL10 | 9:45-10:45 am**John J. Conley Ethics and
Philosophy Lecture: Value-Based
Health Care Delivery:
The Strategic Agenda**

LOCATION: 104ABC

TRACK(S): ETH

PRESIDING OFFICER AND INTRODUCER:
Henri R. Ford, MD, MHA, FACS,
FAAP, FRCS(Hon),
Los Angeles, CA

LECTURER: Michael E. Porter, PhD, Boston, MA

Sponsored by the Committee on Ethics and generously supported since 1991 by John J. Conley, MD, FACS, New York, NY, to explore ethical issues in surgery. Dr. Conley died in 1999, but his legacy continues and his memory is honored at this annual lecture.

Sponsored by the Committee on Ethics



Michael E. Porter

NL11 | 12:45-1:45 pm**Commission on Cancer
Oncology Lecture: Microbes
and Cancer: A Missing Link**

LOCATION: 104ABC

TRACK(S): ONC

PRESIDING OFFICER AND INTRODUCER:
David P. Winchester, MD, FACS,
Chicago, ILLECTURER: Heidi Nelson, MD, FACS,
Rochester, MN

Established in 1988 to explore major developments in oncology and to focus on the surgeon's role in caring for cancer patients.

Sponsored by the Commission on Cancer



Heidi Nelson

SPECIAL SESSIONS

These Special Sessions at Clinical Congress 2018 will provide an in-depth look at timely and important topics. There is no charge for these sessions, which will be held during the lunch hour. Attendees will have an opportunity to purchase a lunch before entering the session.

Monday, October 22

SL101 | 1:15-2:15pm

How the Government is Impacting the Practice of Surgery and Your Bottom Line



LOCATION: Ballroom West

TRACK(S): GEN, HP

MODERATOR: Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

CO-MODERATOR: Brian J. Gavitt, MD, MPH, FACS, *Glendale, CA*

The session will provide Fellows with an in-depth analysis of the key economic issues that affect surgical practice being debated at the federal and state levels. Issues such as reducing administrative burdens and regulations, and the payment policies for Medicare and private payors will be discussed.

Sponsored by the Health Policy and Advocacy Workgroup

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for updates on Special Sessions.

POSTGRADUATE COURSES

Postgraduate Courses and Fees

Postgraduate Courses include Didactic/Experiential (DC) and Surgical Skills Courses (SC). Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited and ticket requests will be filled on a first-come, first-processed basis. All Postgraduate Courses require a ticket for admission. Tickets for some of the Postgraduate Courses also may be purchased on site, subject to availability and any applicable course prerequisite requirements. Tickets may be exchanged for an alternate course before the start of the course and based on availability. **No refunds for Postgraduate Courses will be accepted after October 1, 2018.**

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the American College of Surgeons (ACS)

Non-Fellow: A practicing physician who is not currently a member of the ACS

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician in training or member of the surgical team who is currently in an accredited training program or working in a surgery-related setting but has no affiliation with the College

ACS System for Verification of Knowledge and Skills

The American College of Surgeons (ACS) Board of Regents has approved a five-level model for verification and documentation of knowledge and skills by the Division of Education, following participation in the educational programs of the College. This model provides a framework for designing and implementing educational courses based on principles of contemporary surgical education and permits a provision of appropriate documentation to the attendees. The courses offered at Clinical Congress have been assigned verification levels of I, II, or III, based on the requirements for each level.

Level	Verification of	Requirement(s)
Level I	Attendance	Affirmation of attendance/course ticket; and course evaluation
Level II	Satisfactory completion of course objectives	Use of pre- and posttest* and course evaluation
Level III	Knowledge and skills	Formal assessment through pre- and posttest* and skills report card; and course evaluation
Level IV	Preceptor experience	Not available at Clinical Congress
Level V	Satisfactory patient outcomes	Not available at Clinical Congress

* A passing score of 75 percent or higher is required on the posttest.

All Postgraduate Courses with a designated verification level of II and III have a Self-Assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these Postgraduate Courses must be completed in order to receive *AMA PRA Category 1 Credit(s)™* and count for Self-Assessment Credit toward Part 2 of the MOC Program.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only.

Subject to availability, tickets may be purchased on site for selected courses at the registration area at the Boston Convention & Exhibition Center.

DC: Didactic/Experiential Courses

SC: Surgical Skills Courses

DC01	Emergency General Surgery Review: Annual Update.	40
DC02	Global Health Competencies for Surgeons: Cognitive and Systems Skills.	41
DC03	Surgical Education: Principles and Practice. . .	41
DC04	Management of Anorectal Disease	42
DC05	Annual Trauma Update: The Cutting Edge and Future Of Trauma	43
DC06	Basic Coding: Supercharge Your Reimbursement Skills: Coding, Billing, and Reimbursement for Surgical Services	44
DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	44
DC08	Atypical Breast Lesions: Defining and Managing this High-Risk Population	45
DC09	Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon	45
DC10	2018 Mastering General Surgery CPT Coding	46
DC11	Cutting-Edge Endocrine Surgery: A Case-Based Review of Recent Advances in Endocrine Surgery	46
DC12	General Surgery Review Course (Day 1 and 2)	47
DC13	Negotiation Skills Training	48
DC14	Rescuing Critical Cases in the Operating Room	49
DC15	Annual Update in Surgical Critical Care	49
SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies	50

SC02	Minimally Invasive and Robot-Assisted Esophagectomy	51
SC03	International Humanitarian Surgery	51
SC04	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery	52
SC05	Thyroid, Parathyroid, and Neck Ultrasound ..	53
SC06	Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity	53
SC07	Advanced Colonoscopy: Polypectomy and Beyond	54
SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons	55
SC09	Ultrasound for the General Surgeon: How to Help Your Patient in the Acute Setting with the Technology Available In Your Pocket	55
SC10	Oncoplastic Breast Surgery in My Practice ...	56
SC11	Basic Endovascular Skills for Trauma (BEST™) Course	56
SC12	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair	57
SC14	Advanced Surgical Skills for Exposure in Trauma (ASSET™)	58

Didactic/Experiential Courses (DC)

2018 Didactic Experiential Courses

DC01 | Annual Update on Emergency General Surgery

TRACK(S): GEN, TRA

6 credits, Verification Level II

Saturday, October 20; 8:00 am-3:30 pm

LOCATION: 204AB

CHAIR: Ali Salim, MD, FACS, *Boston, MA*

CO-CHAIR: David T. Efron, MD, FACS, *Baltimore, MD*

A large number of surgeons practice emergency general surgery on a daily basis or cover emergency department calls with some regularity. The field of emergency general surgery is quite diverse and requires an in-depth knowledge of multiple disease processes. This day-long session will present a comprehensive review of emergency general surgery topics and is ideal for recent graduates preparing for the qualifying exam or seasoned surgeons engaged in the practice of emergency general surgery.

Session I

Saturday, 8:00-9:25 am

Welcome and Introduction

David T. Efron, MD, FACS, *Baltimore, MD*

Ali Salim, MD, FACS, *Boston, MA*

Current Management of Small Bowel Obstruction

Joaquim M. Havens, MD, FACS, *Brookline, MA*

Current Management of Large Bowel Obstruction

Martin A. Schreiber, MD, FACS, *Portland, OR*

Contemporary Management of Gastrointestinal (GI) Bleed

Karen J. Brasel, MD, FACS, *Portland, OR*

Complicated Appendicitis

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Session II

Saturday, 9:40-11:20 am

Management of Acute Gallbladder Disease

Matthew J. Martin, MD, FACS, *Tacoma, WA*

Contemporary Management of Acute Diverticulitis

Scott R. Steele, MD, FACS, FASCRS, *Cleveland, OH*

Necrotizing Pancreatitis

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Clostridium Difficile Colitis

Andre R. Campbell, MD, FACS, *San Francisco, CA*

Mesenteric Ischemia

Joseph J. DuBose, MD, FACS, FCCM, *Baltimore, MD*

Session III

Saturday, 12:20-1:40 pm

Necrotizing Soft-Tissue Infections: An Update

Reza Askari, MD, FACS, *Boston, MA*

Complications of Peptic Ulcer Disease

Eric J. Ley, MD, FACS, *Playa Del Rey, CA*

Challenges of the Uncommon Hernias

Shirin Towfigh, MD, FACS, *Beverly Hills, CA*

Emergency General Surgery in the Complicated Cardiac

Patient—Extracorporeal Membrane Oxygenation (ECMO)

and Left Ventricular Assist Device (LVAD)

Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Session IV

Saturday, 1:55-3:30 pm

Emergency General Surgery in the Elderly Patient

Bellal Joseph, MD, FACS, *Tucson, AZ*

Emergency General Surgery in the Abnormal Host: Immunocompromised Patient

Jack Sava, MD, FACS, *Washington, DC*

Emergency General Surgery in Pregnancy

Kimberly A. Davis, MD, MBA, FACS, FCCM, *New Haven, CT*

Emergency General Surgery in Liver Failure

Alison M. Wilson, MD, FACS, *Morgantown, WV*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

DC02 | Global Health Competencies for Surgeons: Cognitive and System Skills

TRACK(S): HUM, INT

6 credits, Verification Level II

Saturday, October 20; 8:30 am-4:00 pm

LOCATION: 207

CHAIR: Girma Tefera, MD, FACS, *Madison, WI*

CO-CHAIR: Robert Riviello, MD, MPH, FACS, *Boston, MA*

This course will help prepare the surgeon intending to engage in global work to understand the characteristics of low-resource surgical environments. The morning will focus on providing an overall summary of the big-picture topics of injury, surgical oncology, pediatric surgery, maternal health, and anesthesia, research. The lunch-time discussion session will provide an opportunity for greater dialogue between course participants and faculty. In the afternoon, case-based discussions will explore situational ethics, tropical diseases relevant to global surgery efforts, fracture management, postpartum hemorrhage management, nontechnical skills in surgery, cultural awareness, and personal preparedness and health considerations. The humanitarian skills course takes place on Sunday.

Session I—The Big Picture

Saturday, 8:30-10:05 am

Welcome and Overview of the Program

Girma Tefera, MD, FACS, *Madison, WI*

MODERATOR I

Robert Riviello, MD, MPH, FACS, *Boston, MA*

Global Surgery Landscape

Neema C. Kaseje, MD, MPH, *Mirebalais, Haiti*

Current Status on Global Injury

Sudha P. Jayaraman, MD, MSc, FACS, *Richmond, VA*

Current Status on Global Surgical Oncology

T. Peter Kingham, MD, FACS, *New York, NY*

Current Status on Global Pediatric Surgery

Stephen W. Bickler, MD, FACS, *San Diego, CA*

Panel Discussion and Commentary

Pankaj G. Jani, MBChB, MMed, FRCS, FCS, ECSA, *Nairobi, Kenya*

Session II—The Big Picture Continued

Saturday, 10:20-11:35 am

MODERATOR II

Fiemu E. Nwariaku, MB, BS, FACS, *Dallas, TX*

Current Status on Global Maternal Health

Julianna S. Dunn, MD, *Boston, MA*

An Overview of Global Surgery Research

Thomas G. Weiser, MD, FACS, *Stanford, CA*

Ethics in Global Surgery

Tamara J. Worlton, MD, FACS, *Silver Spring, MD*

Ethics in Global Surgery

Rahul M. Jindal, MB, BS, FACS, FRCS, PhD, *Bethesda, MD*

Panel Discussion and Commentary

Emmanuel A. Ameh, MB, BS, FACS, *Zaria, Nigeria*

Session III—Topical Discussions

Saturday, 11:35 am-12:35 pm

MODERATOR III

Benedict C. Nwomeh, MD, MPH, FACS, *Columbus, OH*

Discussion

John G. Meara, MD, DMD, FACS, *Boston, MA*

Group Discussion of Questions

Benedict C. Nwomeh, MD, MPH, FACS, *Columbus, OH*

Session IV—Clinical Problem Solving in Global Surgery

Saturday, 12:35-2:05 pm

MODERATOR IV

Doruk E. Ozgediz, MD, FACS, FAAP, *New Haven, CT*

Tropical Diseases of Surgical Relevance

Desire Rubanguka, MD, *South Province, Rwanda*

Tropical Diseases of Surgical Relevance

Egide Abahuje, MD, *Kigali City, Rwanda*

Orthopaedics—Fracture Management

Adrienne R. Socci, MD, *New Haven, CT*

Obstetrics—Postpartum Hemorrhage

Melody Eckardt, MD, *Boston, MA*

Anesthesia

Michael Lipnick, MD, *San Francisco, CA*

Pediatric Surgery—Clinical Pearls

Emmanuel A. Ameh, MB, BS, FACS, *Zaria, Nigeria*

Panel Discussion and Commentary

Session V—Clinical Problem Solving in Global Surgery

Saturday, 12:35-2:05 pm

MODERATOR V

Tamara J. Worlton, MD, FACS, *Silver Spring, MD*

Introducing New Surgical Technology

Raymond R. Price, MD, FACS, *Salt Lake City, UT*

Nontechnical Skills for Surgeons

Robert Riviello, MD, MPH, FACS, *Boston, MA*

Cultural Awareness

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Pragmatic Wrap-Up: How to Get Ready

Margaret J. Tarpley, MLS, *Nashville, TN*

Panel Discussion and Commentary

Ahmed K. A. Salih, *Medani, Sudan*

Sponsored by Operation Giving Back

DC03 | Surgical Education: Principles and Practice

TRACK(S): EDU

6 credits, Verification Level II

Saturday, October 20; 9:00 am-4:30 pm

LOCATION: 109AB

CHAIR: Roy Phitayakorn, MD, MHPE (MEd), FACS,

Boston, MA

CO-CHAIR: Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

The objective of this course is to enhance the teaching and assessment skills of surgeons active in medical student and resident education. The principles of adult learning, teaching technical skills, curriculum development, and feedback with performance evaluation will be reviewed. In addition, participants will develop an understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small-group discussions.

Session I

Saturday, 9:00-10:45 am

Introductions/ Goals and Objectives

Roy Phitayakorn, MD, MHPE(MEd), FACS, *Boston, MA*

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Adult Learning Theories

Roy Phitayakorn, MD, MHPE (MEd), FACS, *Boston, MA*

Teaching Technical Skills

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Session II

Saturday, 11:00 am-12:15 pm

Teaching Formats

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Curriculum Design (Part I)

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Session III

Saturday, 1:15-2:30 pm

Curriculum Design (Part II)

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Session IV

Saturday, 2:45-4:30 pm

Individual Feedback vs. Evaluation

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Practice Giving Constructive Feedback

Roy Phitayakorn, MD, MHPE (MEd), FACS, *Boston, MA*

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Sponsored by the Division of Education

DC04 | Management of Anorectal Disease

TRACK(S): CRS, GEN, RUS

6 credits, Verification Level II

Saturday, October 20; 9:00 am-4:30 pm

LOCATION: 205A

CHAIR: Alexis L. Grucela, MD, FACS, FASCRS, *New York, NY*

CO-CHAIR: Vincent J. Obias, MD, FACS, FASCRS, *Washington, DC*

Benign anorectal disease is one of the most common problems facing general surgeons in the outpatient setting. Surgical techniques and technology are rapidly evolving to provide quicker, more effective outcomes with less pain. This panel will discuss recent advances in the field of hemorrhoids, anal fistula, anal fissure, and transanal surgery.

Session I: The Basics

Saturday, 9:00-10:30 am

Introduction

Vincent J. Obias, MD, FACS, FASCRS, *Washington, DC*

Alexis L. Grucela, MD, FACS, FASCRS, *New York, NY*

Anorectal Disease Basics: What Every General Surgeon Needs to Know

Eric G. Weiss, MD, FACS, *Weston, FL*

Anorectal Evaluation: The Role of Ultrasound, Contrast Enema, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Defecography, and Anorectal Physiology Lab

Susan D. Stein, MD, FACS, *Washington, DC*

Acute Anal Pain: Making the Diagnosis

Randolph M. Steinhagen, MD, FACS, FASCRS, *New York, NY*

Conservative Management: The Basics on Treating Many Anorectal Conditions

Kelly A. Garrett, MD, FACS, FASCRS, *New York, NY*

Constipation: Is This a Surgical Problem?

Brooke H. Gurland, MD, FACS, *Stanford, CA*

Office-Based Anorectal Procedures

Brian L. Bello, MD, FACS, FASCRS, *Washington, DC*

Session II: Hemorrhoids

Saturday, 10:45 am-12:00 noon

Hemorrhoid Basics: Nonoperative Treatment and Office-Based Procedures

Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*

Excisional Hemorrhoidectomy

Dana M. Hayden, MD, *Maywood, IL*

Other Techniques: Transanal Hemorrhoidal Dearterialization (THD), Procedure for Prolapse and Hemorrhoids (PPH)/Stapled, Infrared Coagulation (IRC), and Injection Sclerotherapy

Aaron T. Miller, MD, FACS, FASCRS, *Summit, NJ*

Hemorrhoids in Complicated Patients: Inflammatory Bowel Disease (IBD), Human Immunodeficiency Virus (HIV) Positive, Pregnancy, and Rectal Varices

David W. Dietz, MD, FACS, *Cleveland, OH*

Complications and Possible Treatments after Hemorrhoid Surgery

Mark Kiely, MD, *Cleveland, OH*

Session III: Infectious–Abscess/Fistula

Saturday, 1:00-2:25 pm

Abscess: Etiology, Anatomy, Types, and Principles of Abscess Drainage

Juan J. Nogueras, MD, FACS, *Weston, FL*

Fistula: Principles, Types, Draining Seton vs. Cutting Seton: When and Where to Use Them

Michael J. Grieco, MD, *New York, NY*

Fistulotomy: When, Where, and How to Do It: Plug and Glue

John C. Byrn, MD, FACS, *Ann Arbor, MI*

Ligation of Intersphincteric Fistula Tract (LIFT) and Rectal Mucosal Advancement Flap

Jean H. Ashburn, MD, FACS, *Cleveland, OH*

Rectovaginal Fistula: Classifications When First Present after Obstetric Injury: Repairs

Craig Rezac, MD, FACS, *New Brunswick, NJ*

Complex Anal Fistula: Rectovaginal Fistula, Rectourethral Fistula, Radiation, and Failed Initial Repair

Mitchell A. Bernstein, MD, FACS, *New York, NY*

Fistula in Crohn's for the General Surgeon

Bindu A. Umapathi, MD, FACS, *Ashburn, VA*

Session IV: Potpourri: Miscellaneous Topics

Saturday, 2:40-3:50 pm

Too Tight: Anal Fissure

Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Too Loose: Fecal Incontinence

Tracy L. Hull, MD, FACS, *Cleveland, OH*

Pilonidal Disease

Lynda S. Dougherty, MD, FACS, *Fairfax, VA*

Pruritis Ani and Perianal Dermatitis

Mohammed Bayasi, MD, FACS, *Washington, DC*

Anal Cancer: Anal Intraepithelial Neoplasia (AIN) and High-Resolution Anoscopy (HRA)

Julian A. Sanchez, MD, FACS, *Tampa, FL*

Anal and Rectal Trauma/Foreign Body

Grace A. Montenegro, MD, *St. Louis, MO*

Session V: Transanal Surgery

Saturday, 3:50-4:30 pm

Transanal Excision: What Can and Should Be Done

Nell Maloney-Patel, MD, FACS, FACRS, *New Brunswick, NJ*

Transanal Endoscopic Microsurgery (TEMs): Expansion of Transanal Excision and Transanal Minimally Invasive Surgery (TAMIS) - Principles Applied to the Rectum

Bashar Safar, MB, BS, MRCS, *St. Louis, MO*

TAMIS: Minimally Invasive Principles Applied to Rectum: Lap and Robotic

Andrew J. Vorenberg, MD, FACS, *Richmond, VA*

Flex: New Robotic System for Rectum

Ovunc Bardakcioglu, MD, FACS, *St. Louis, MO*

Sponsored by the Program Committee and the Advisory Council for Colon and Rectal Surgery

DC05 | Annual Trauma Update: The Cutting Edge and Future of Trauma

TRACK(S): TRA

6 credits, Verification Level II

Sunday, October 21; 8:00 am-3:30 pm

LOCATION: 204AB

CHAIR: Joseph P. Minei, MD, MBA, FACS, *Dallas, TX*

CO-CHAIR: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Trauma care continues to evolve with changes to diagnostic, resuscitation, operative, and critical care management of the injured patient. This course will take a head-to-toe look at the changing field of trauma care with an emphasis placed on significant paradigm changes for 2018 and beyond.

Session I

Sunday, 8:00-9:20 am

Introduction

Joseph P. Minei, MD, MBA, FACS, *Dallas, TX*

Trauma Center Verification: Verification, Review, and Consultation Program (VRC) Update

Robert T. Maxson, MD, FACS, *Little Rock, AR*

Prehospital Bleeding Control

Bradley M. Dennis, MD, FACS, *Nashville, TN*

Should Your Helicopters be Carrying Blood and Plasma?

Jason L. Sperry, MD, MPH, FACS, *Pittsburgh, PA*

Tranexamic Acid (TXA): How Should It be Used in 2018?

Martin A. Schreiber, MD, FACS, *Portland, OR*

Session II

Sunday, 9:35-11:20 am

Resuscitation: Massive Transfusion Protocol (MTP) 2018

John B. Holcomb, MD, FACS, *Houston, TX*

Resuscitation: Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)

Megan Brenner, MD, FACS, *Baltimore, MD*

Resuscitation: Viscoelastic Directed Strategies

Mitchell J. Cohen, MD, FACS, *San Francisco, CA*

Resuscitation: Radiologic Update 2018

Patrick K. Kim, MD, FACS, *Philadelphia, PA*

Neck Trauma: Management for Today and the Future

Matthew J. Eckert, MD, FACS, *Tacoma, WA*

Chest Trauma: Current Management and Future Directions

Elizabeth R. Benjamin, MD, PhD, FACS, *Los Angeles, CA*

Session III

Sunday, 12:20-1:45 pm

Damage Control: Trauma

Alison M. Wilson, MD, FACS, *Morgantown, WV*

Damage Control: Ortho Trauma

Heather A. Vallier, MD, *Cleveland, OH*

Damage Control: Neurological

Christopher J. Madden, MD, FACS, *Dallas, TX*

Damage Control: Vascular

Scott C. Brakenridge, MD, FACS, *Gainesville, FL*

Session IV

Sunday, 2:00-3:30 pm

Venous Thromboembolism (VTE) Prophylaxis: It's Not What You Think

Michael W. Cripps, MD, MSCS, FACS, *Dallas, TX*

End of Life: Having Difficult Conversations

Zara Cooper, MD, FACS, *Boston, MA*

Geriatric Trauma: What's New for the Old?

Bellal Joseph, MD, FACS, *Tucson, AZ*

Pediatric Trauma: 2018 and Beyond

Bindi N. Mathuria, MD, FACS, *Houston, TX*

Trauma Quality Improvement Program (TQIP) 2018: How Is It Shaping Trauma Care?

Avery B. Nathens, MD, FACS, *Toronto, Ontario*

Sponsored by the Committee on Trauma

DC06 | Basic Coding: Supercharge Your Reimbursement Skills: Coding, Billing, and Reimbursement for Surgical Services

TRACK(S): HP

6.5 credits, Verification Level II

Sunday, October 21; 8:30 am-4:30 pm

LOCATION: 203

CHAIR: Samuel D. Smith, MD, FACS, *Little Rock, AR*

CO-CHAIR: Megan E. McNally, MD, FACS, *Mission Hills, KS*

This course is focused on providing basic coding, billing, and reimbursement for surgeons. Upon completion of the course, surgeons should be able to identify the services that are part of the global package and services that may be billed in addition to procedure codes; assess the accuracy of evaluation and management (E/M) code selection; explain when critical care services may be billed in the global period, and integrate the rules for billing critical care in trauma; demonstrate an understanding of diagnosis coding for medical necessity and risk-based coding; define the role and reimbursement of a nonphysician practitioner in a surgical practice and analyze the return on investment; and apply management principles such as reviewing metrics, relative value units (RVU) reports, and monitoring contract payment terms.

Session I

Sunday, 8:30-10:30 am

Introduction

Samuel D. Smith, MD, FACS, *Little Rock, AR*

Megan E. McNally, MD, FACS, *Mission Hills, KS*

Evaluation and Management (E/M) Coding Deep Dive
Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session II

Sunday, 10:45 am-12:30 pm

Evaluation and Management (E/M) Deep Dive (Continued)
Betsy Nicoletti, MS, CPC, *Northampton, MA*

Avoid Costly Coding Errors: Lessons from the Office of Inspector General and Department of Justice
Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session III

Sunday, 1:30-2:45 pm

Coding for Skin Procedures

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Centers for Medicare and Medicaid Services (CMS) Mandate
Betsy Nicoletti, MS, CPC, *Northampton, MA*

Strategies to Reduce "No-Show" Visits

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session IV

Sunday, 3:00-4:30 pm

Essential Business Skills for Reimbursement

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Sponsored by the General Surgery Coding and Reimbursement Committee

DC07 | Measure Twice, Cut Once! Optimizing Surgical Systems of Care

TRACK(S): EDU, INFO

6 credits, Verification Level II

Sunday, October 21; 9:00 am-4:30 pm

LOCATION: 207

CHAIR: Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Surgeons are in a unique position to identify opportunities for improvement in care delivery and to measure their results in a logical risk-adjusted manner. This session will involve two case studies taught in typical business school format. The faculty will present an overview of performance improvement and quality assurance tools, and participants will work as facilitated teams to solve real-life challenges. Competence in basic Excel is required. The cases and background materials will be provided before the course for review and initial analysis.

Session I

Sunday, 9:00-10:25 am

Introduction: What are the Challenges?

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Overview of Performance Improvement (PI) Tools

Paul M. Maggio, MD, FACS, *Stanford, CA*

Human Factors

Tara N. Cohen, PhD, *Los Angeles, CA*

Lean Six Sigma

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Case Presentation and Charge: Streamlining

Appendectomy

Rodrigo F. Alban, MD, FACS, *Los Angeles, CA*

Session II

Sunday, 10:40 am-2:00 pm

Group Activity One: Proposal Development

Case Presentation by Individual Teams

Case Presentation and Charge: ACS NSQIP®

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Working Lunch

Session III

Sunday, 2:00-3:10 pm

American College of Surgeons National Surgical Quality Improvement Program® Background and Results

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

Questions for Dr. Ko

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

Group Activity Two: Revise Proposals

Session IV

Sunday, 3:25-4:30 pm

Case Presentations by Individual Teams

Faculty Debrief and Discussion

Closing Comments

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Sponsored by the Committee on Emerging Surgical Technology and Education

DC08 | Atypical Breast Lesions: Defining and Managing this High-Risk Population

TRACK(S): EDU, ONC

6 credits, Verification Level II

Sunday, October 21; 9:30 am-5:00 pm

LOCATION: 255

CHAIR: Kristine E. Calhoun, MD, FACS, *Seattle, WA*

CO-CHAIR: Colleen M. O'Kelly Priddy, MD, *Vestal, NY*

Atypical hyperplasia is found in core needle breast biopsy of only 5 to 10 percent of cases but the surgical and subsequent clinical management of these patients has changed significantly in the last decade. These atypical lesions include atypical ductal hyperplasia, atypical lobular hyperplasia, papillomas, radial scar, and flat epithelial atypia. This session will discuss these lesions and identify which of those are risk lesions and which are potential precursor breast cancer lesions. The role and indications for excisional biopsy will be discussed. Chemoprevention management and increased screening and type of surveillance will also be reviewed.

Session I

Sunday, 9:30-11:00 am

Introduction

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

The Spectrum of Atypical Breast Pathology: Risk Factor Lesion or Cancer Precursor? (Papillomas, Radial Scar, Flat Epithelial Atypia (FEA), Atypical Hyperplasias)
Kimberly H. Allison, MD, *Stanford, CA*

Lobular Carcinoma In-Situ Natural History: Risk Factor Lesion or Cancer Precursor?

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

Ductal Carcinoma In-Situ: Risk Factor Lesion or Cancer?
Meghan R. Flanagan, MD, MPH, *Seattle, WA*

Case Presentation and Panel Discussion

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

Session II

Sunday, 11:15 am-12:45 pm

Diagnostic Management of Papillomas, Radial Scars, and Flat Epithelial Atypia (FEA): Core Biopsy Alone vs. Core Biopsy plus Excision

Faina Nakhlis, MD, FACS, *Boston, MA*

Diagnostic Management of the Atypical Hyperplasias: Core Biopsy Alone vs. Excisional Biopsy

Alice P. Chung, MD, FACS, *Los Angeles, CA*

Diagnostic Management of Lobular Carcinoma In-Situ (LCIS): Core Biopsy Alone vs. Core Biopsy plus Excision for LCIS and Pleomorphic LCIS

Nora M. Hansen, MD, FACS, *Chicago, IL*

Case Presentation with Panel Discussion

Colleen M. O'Kelly Priddy, MD, *Vestal, NY*

Session III

Sunday, 1:45-3:15 pm

Breast Cancer Risk Prediction in Women with Atypical Breast Lesions

Kevin S. Hughes, MD, FACS, *Boston, MA*

Advanced Screening Options and Surveillance in Women with Atypical Breast Lesions

Manisha Bahl, MD, MPH, *Boston, MA*

The Role for Chemoprevention in Women with Atypical Breast Lesions

Sarah A. McLaughlin, MD, FACS, *Jacksonville, FL*

Case Presentation with Panel Discussion

Kristine E. Calhoun, MD, FACS, *Seattle, WA*

Session IV

Sunday, 3:30-5:00 pm

Is There a Role for Prophylactic Mastectomy in Women with Atypical Breast Lesions?

Amy C. Degnim, MD, FACS, *Rochester, MN*

Treatment for Ductal Carcinoma In-Situ (DCIS): Medical
Alastair M. Thompson, BSc(Hons), MB, ChB, MD, FRCSEd, *Houston, TX*

Treatment for Ductal Carcinoma In-Situ (DCIS): Surgical
Kimberly J. Van Zee, MS, MD, FACS, *New York, NY*

Case Presentation with Panel Discussions

Colleen M. O'Kelly Priddy, MD, *Vestal, NY*

Sponsored by the Commission on Cancer, the Advisory Council for General Surgery and the Program Committee

DC09 | Opioid-Sparing Perioperative Pain Management: A Credentialed Course for the Practicing Surgeon

TRACK(S): EDU, GEN

4 credits, Verification Level II

Sunday, October 21; 10:00 am-2:15 pm

LOCATION: 205A

CHAIR: John M. Daly, MD, FACS, FRCSI(Hon), FRCSG(Hon), *Philadelphia, PA*

CO-CHAIR: Michael J. Englesbe, MD, FACS, *Ann Arbor, MI*

Unintentional deaths due to opioids are a major concern in the U.S. This course provides expert guidance and resources to implement and evaluate an opioid-sparing program at your surgical center. Panels, video, guidelines, small group application, and algorithms will be used to teach multimodal therapy and opioid-sparing perioperative protocols. Outpatient medication prescribing and pain management patient/caregiver education—including communication, screening, optimal discharge planning, patient contracts and referrals to pain management teams—will also be discussed. Case studies will include managing opioid-naïve and -tolerant patients with a focus on breast, colorectal, hernia, and trauma patients. This course may help satisfy portions of physician state licensure and regulatory mandate certification related to pain management and/or opioid prescribing.

Session I: The Opioid Epidemic and Surgery: Effective Strategies to Change Trends

Sunday, 10:00-11:00 am

MODERATOR: William C. Welch, MD, FACS, *Philadelphia, PA*

ACS Initiatives and the Big Picture

John M. Daly, MD, FACS, FRCSI(Hon), FRCSG(Hon), *Philadelphia, PA*

The Veterans Affairs Quality Improvement Plan: Acute Pain Management Guide to Meet the Current Challenges

Lisa M. Mazzia, MD, *Washington, DC*

Opioid Prescribing Engagement Network (OPEN): Moving to a New Model for Pain Management

Chad Brummett, MD, *Ann Arbor, MI*

Effective Guidelines, Emergency Department, and Beyond: The Brigham Comprehensive Opioid Response and Education (B CORE) Program

Scott Weiner, MD, MPH, *Boston, MA***Session II: Multimodal Analgesics and Opioid-Sparing Guidelines: All Part of the Enhanced Recovery Plan**

Sunday, 11:00 am-12:00 noon

The Colon and Rectal Patient: Pre-, Intra-, and Postoperative Medications and Techniques to Minimize Opioid Use

Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*

The Hernia Patient: Pre-, Intra-, and Postoperative Medications and Techniques to Minimize Opioid Use

Michael Reinhorn, MD, FACS, *Newton, MA*

The Breast Cancer Patient: Pre-, Intra-, and Postoperative Medications and Techniques to Minimize Opioid Use

Mark A. Lockett, MD, FACS, *Charleston, SC***Session III: Implementing Best Practice for Opioid-Sparing Techniques, Including Indications, Modifications, Complications, and Safety Monitoring**

Sunday, 12:15-12:55 pm

Nerve Blocks: Best Practice from Assessment to Approach

Phillip Lirk, MD, PhD, *Boston, MA*

Opioid-Sparing Principles, Algorithms, and Outcomes with Considerations for the Opioid-Naïve and -Dependent Patient

Thomas A. Aloia, MD, FACS, *Houston, TX***Session IV: Outpatient Prescribing Practices and Patient Transition to Home Care Providers**

Sunday, 12:55-2:15 pm

Discharge Protocols Based on Patient Analgesic Use: A Best Practice Approach to Prescribing and Managing Patient Expectations

Michael J. Englesbe, MD, FACS, *Ann Arbor, MI*

Trauma Protocols and Patient Transitions

Jessica L. Gross, MD, FACS, *Winston-Salem, NC*

The Complex Patient Discharge: Contracts, Considerations, and Referrals for the Patient with Opioid Dependency, Opioid Use Disorder, and High-Risk Comorbidities

Timothy J. Atkinson, PharmD, BCPS, CPE, *Murfreesboro, TN*

Bringing It All Together: Evaluation Model and Resources

Kathleen Heneghan, PhD, MSN, RN, CPN, *Chicago, IL**Sponsored by the Patient Education Committee and the Health Policy and Advocacy Workgroup***DC10 | 2018 Mastering General Surgery CPT Coding**

TRACK(S): HP

6.5 credits, Verification Level II

Monday, October 22; 9:15 am-5:15 pm

LOCATION: 207

CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*co-CHAIR: Michael J. Sutherland, MD, FACS, *Little Rock, AR*

After attending this course, participants will be able to correctly code common general surgery procedures including breast, endoscopy, colorectal, bariatric, trauma, gallbladder, liver, hernia, and more; accurately apply modifiers when they are required and understand their impact on reimbursement; understand how to report and get paid for unlisted procedures; and integrate 2018 Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding changes and guidelines into practice.

Session I

Monday, 9:15-11:00 am

Introduction

Linda M. Barney, MD, FACS, *Dayton, OH*Michael J. Sutherland, MD, FACS, *Little Rock, AR*

The Global Surgical Package/Surgeon Role Modifiers/ Same-Day Procedure Modifiers/Modifiers for Additional Procedures/Documentation for Unlisted Procedures

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL*

Session II

Monday, 11:15 am-12:15 pm

Breast Procedures

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL***Session III**

Monday, 1:15-3:15 pm

Hernia Surgery/Endoscopy Coding

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL*

Colorectal Surgery/Bariatric Surgery/Intra-Abdominal Lesion Codes/Appendix Surgery

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL***Session IV**

Monday, 3:30-5:15 pm

Gallbladder and Liver Surgery/Incompetent Vein Coding/ Endocrine Surgery

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL**Sponsored by the General Surgery Coding and Reimbursement Committee***DC11 | Cutting-Edge Endocrine Surgery: A Case-Based Review of Recent Advances in Endocrine Surgery**

TRACK(S): GEN

4 credits, Verification Level II

Monday, October 22; 9:45 am-2:00 pm

LOCATION: 205A

CHAIR: James A. Lee, MD, FACS, *New York, NY*

CO-CHAIR: Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

This course will cover the latest in the evaluation and management of common surgical problems of the endocrine glands through a case-based discussion format. Topics will include the initial workup and management of thyroid nodules, including ultrasound, fine-needle aspiration biopsy, and molecular testing; thyroid cancer, including updates from the newest American Thyroid Association guidelines; primary hyperparathyroidism, including updates from the American Association of Endocrine Surgeons guidelines; use of preoperative localization studies and intraoperative parathyroid hormone (PTH) monitoring; adrenal tumors, including incidentalomas, primary aldosteronism, adrenocorticotrophic hormone (ACTH) independent hypercortisolism, and pheochromocytomas; pancreatic and small bowel neuroendocrine tumors; and multiple endocrine neoplasia, including genetic screening. For each section, the moderator(s) will present representative cases to a panel of experts for discussion and to obtain their personal insights, including clinical and surgical pearls. Attendees of the course will also have the opportunity to ask the expert panel questions and present challenging cases of their own.

Session I

Monday, 9:45-11:10 am

Thyroid Cases

MODERATOR: Kepal N. Patel, MD, FACS, *New York, NY*

MODERATOR: Carrie C. Lubitz, MD, MPH, FACS, *Boston, MA*

PANELISTS:

Paul G. Gauger, MD, FACS, FACE, *Ann Arbor, MI*

Julie A. Sosa, MD, FACS, *San Francisco, CA*

Linwah Yip, MD, FACS, *Pittsburgh, PA*

Mark E. Zafereo, MD, FACS, *Houston, TX*

Session II

Monday, 11:10-11:50 am

Gastrointestinal (GI) Neuroendocrine Cases

MODERATOR: Elizabeth G. Grubbs, MD, FACS, *Houston, TX*

PANELISTS:

Douglas B. Evans, MD, FACS, *Milwaukee, WI*

Gerard M. Doherty, MD, FACS, *Boston, MA*

Marybeth S. Hughes, MD, FACS, *Norfolk, Virginia*

Janice L. Pasioka, MD, FACS, FRCSC, *Calgary, Alberta*

Session III

Monday, 12:05-1:05 pm

Parathyroid Cases

MODERATOR: Wen T. Shen, MD, FACS, *San Francisco, CA*

PANELISTS:

Cord Sturgeon, MD, FACS, *Chicago, IL*

Sally E. Carty, MD, FACS, *Pittsburgh, PA*

Herbert Chen, MD, FACS, *Birmingham, AL*

Denise M. Carneiro-Pla, MD, FACS, *Charleston, SC*

Session IV

Monday, 1:05-2:00 pm

Adrenal Cases

MODERATOR: Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

PANELISTS:

Quan Y. Duh, MD, FACS, *San Francisco, CA*

Melanie L. Lyden, MD, MHPE, FACS, *Rochester, MN*

Fiemu E. Nwariaku, MB, BS, FACS, *Dallas, TX*

Carmen C. Solórzano, MD, FACS, *Nashville, TN*

Sponsored by the Program Committee

DC12 | General Surgery Review Course (Two-Day Course)

TRACK(S): GEN

12 credits, Verification Level II

Monday, October 22; 10:00 am-5:00 pm

Part I: 5 Sessions

Tuesday, October 23; 8:00 am-4:00 pm

Part II: 3 Sessions

LOCATION: 107ABC

CHAIR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

This two-day course will provide a concise review of a majority of the essential content areas in general surgery. The course may be helpful in preparing for examinations, and self-assessment credit will be available. A distinguished faculty will use an interactive case-based format that will cover the core elements of general surgery including abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular, and perioperative care. Questions will be available for review by participants before the course. During the course, an interactive audience response system will be used, and following the audience response system, the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all questions, answers, and supporting discussions.

PART I

Session I: Benign Abdomen

Monday, 10:00-11:40 am

MODERATOR: Mike K. Liang, MD, FACS, *Houston, TX*

Hepatobiliary

Amanda K. Arrington, MD, FACS, *Duarte, CA*

Pancreas

O. Joe Hines, MD, FACS, *Los Angeles, CA*

Hernia

Mike K. Liang, MD, FACS, *Houston, TX*

Esophagus

Brian J. Dunkin, MD, FACS, *Houston, TX*

Bowel Obstruction

Caroline E. Reinke, MD, FACS, *Charlotte, NC*

Session II: Malignant Abdomen

Monday, 12:40-2:20 pm

MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Esophagogastric

Mark W. Onaitis, MD, FACS, *La Jolla, CA*

Gastrointestinal Stromal Tumors (GIST) and Carcinoid

Michael G. House, MD, FACS, *Indianapolis, IN*
 Hepatobiliary Malignancies
 Cristina R. Ferrone, MD, FACS, *Boston, MA*
 Colorectal Malignancies
 Bridget N. Fahy, MD, FACS, *Albuquerque, NM*
 Pancreatic Malignancies
 Katherine T. Morris, MD, FACS, *Albuquerque, NM*

Session III: Breast

Monday, 2:30-3:40 pm

MODERATOR: Amy C. Degnim, MD, FACS, *Rochester, MN*

Benign Breast Disease and Genetic Risk
 Elisa R. Port, MD, FACS, *New York, NY*

Breast Cancer

Amy C. Degnim, MD, FACS, *Rochester, MN*

Session IV: Endocrine

Monday, 3:50-4:15 pm

MODERATOR: Amy C. Degnim, MD, FACS, *Rochester, MN*

Thyroid and Parathyroid

Benzon Dy, MD, FACS, *Rochester, MN*

Session V: Vascular

Monday, 4:15-5:00 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Arteriovenous (AV) Access

Melanie R. Hoehn, MD, *Baltimore, MD*

Mesenteric Ischemia

Melanie R. Hoehn, MD, *Baltimore, MD*

Acute Limb Ischemia

Melanie R. Hoehn, MD, *Baltimore, MD*

Vascular Trauma

Melanie R. Hoehn, MD, *Baltimore, MD*

PART II

Session I: Trauma

Tuesday, 8:00-9:50 am

MODERATOR: David J. Milia, MD, FACS, *Milwaukee, WI*

Resuscitation, Blood Products, and Traumatic Brain Injury
 David J. Milia, MD, FACS, *Milwaukee, WI*

Neck and Chest Trauma

Sasha D. Adams, MD, FACS, *Chapel Hill, NC*

Abdomen, Pelvis, and Extremity Trauma

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Session II: Critical Care

Tuesday, 10:10 am-12:00 noon

MODERATOR: David J. Milia, MD, FACS, *Milwaukee, WI*

Acute Lung Injury

Jasmeet S. Paul, MD, FACS, *Albuquerque, NM*

Cardiac Critical Care

Samuel Cemaj, MD, FACS, FCCM, *Omaha, NE*

Sepsis

Panna A. Codner, MD, FACS, *Milwaukee, WI*

Nutrition

Panna A. Codner, MD, FACS, *Milwaukee, WI*

Session III: Perioperative Care

Tuesday, 1:00-4:00 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Gastrointestinal Issues and Prophylaxis

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Venous Thromboembolic Disease and Novel
 Anticoagulants

David J. Milia, MD, FACS, *Milwaukee, WI*

Antibiotic Use

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Wound Care

Jasmeet S. Paul, MD, FACS, *Albuquerque, NM*

Pain Management

Samuel Cemaj, MD, FACS, FCCM, *Omaha, NE*

Medical Ethics

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Sponsored by the Division of Education

DC13 | Negotiation Skills Training

TRACK(S): EDU

4 credits, Verification Level I

Monday, October 22; 1:00-5:15 pm

LOCATION: 204AB

CHAIR: Steven L. Chen, MD, MBA, FACS, *San Diego, CA*

CO-CHAIR: Michele A. Manahan, MD, FACS, *Baltimore, MD*

Negotiation is a critical nontechnical skill that is used daily in both clinical and nonclinical settings. Surgeons routinely negotiate to secure resources for themselves or their programs. This course will prepare attendees with practical tools to approach negotiations in a fair-minded manner that also promotes their interests. The course will review the basics of negotiation including developing pre-negotiation strategies and finding shared values for more successful outcomes, and it will cover topics such as having difficult conversations and defusing emotional situations. The course will include a combination of didactics as well as small-group sessions where attendees will have the opportunity to observe and practice these techniques as they apply to simulated negotiations.

Session I

Monday, 1:00-3:00 pm

Welcome/Overview

Steven L. Chen, MD, MBA, FACS, *San Diego, CA*

Positional and Interest-Based Negotiation Strategies and
 Interactive Skills

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Simulation #1: Negotiating for Resources

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Simulation #1 Preparation B

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Simulation #1 Negotiation with an Interest-Based
 Approach

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Questions and Answers/Discussion

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Session II

Monday, 3:15-5:15 pm

Power and Multilateral Negotiation Principles

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Simulation #2 Introduction and Preparation

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Simulation #2 Bargaining Game

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Questions and Answers/Discussion

Joel Cutcher-Gershenfeld, PhD, *Boston, MA*

Panel Discussion

Virginia R. Litle, MD, FACS, *Boston, MA*Michele A. Manahan, MD, FACS, *Baltimore, MD*Steven L. Chen, MD, MBA, FACS, *San Diego, CA*Margaret M. Dunn, MD, MBA, FACS, *Dayton, OH**Sponsored by the Women in Surgery Committee***DC14 | Rescuing Critical Cases in the Operating Room**

TRACK(S): EDU

4 credits, Verification Level II

Tuesday, October 23; 9:00 am-1:15 pm

LOCATION: 204AB

CHAIR: Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*CO-CHAIR: Steven J. Yule, PhD, *Boston, MA*

The surgeon's nontechnical skills (situation awareness, decision making, leadership, communication and teamwork) are essential for safe surgical care, yet these skills are rarely taught or assessed. Participants in this course will gain awareness of the impact of nontechnical skills on patient safety in the operating room. The course will focus on the four categories of nontechnical skills in the NOTSS (Non-technical Skills for Surgeons) taxonomy. The conceptual background of each category will be described. Participants will view and discuss simulated operations, focusing on the observable behaviors of the surgeons involved. Structured methods of analyzing behavior will be used to aid this process in an interactive manner. Participants will gain knowledge of NOTSS and learn to identify and assess nontechnical skills in the operating room.

Session I

Tuesday, 9:00-10:40 am

Nontechnical Skills for Surgeons

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Maintaining Situation Awareness and Vigilance

Steven J. Yule, PhD, *Boston, MA*

Small Group (Situation Awareness)

Daniel J. Vargo, MD, FACS, *Salt Lake City, UT*

Effective Decision Making in Critical Situations

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Small Group (Decision Making)

Mohsen Shabahang, MD, FACS, *Danville, PA***Session II**

Tuesday, 10:55 am-1:15 pm

The Technical Aspects of Effective Teamwork

Steven J. Yule, PhD, *Boston, MA*

Small Group (Teamwork)

R. Armour Forse, MD, FACS, FRCSC, FACCCM, *Omaha, NE*

Being a Natural Leader

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Small Group (Leadership)

John H. Armstrong, MD, FACS, *Tampa, FL*

Assessing Behaviors Using the NOTSS System

Steven J. Yule, PhD, *Boston, MA*

Wrap-Up

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA**Sponsored by the Committee on Non-Technical Skills for Surgeons (NOTSS)***DC15 | Annual Update in Surgical Critical Care**

TRACK(S): TRA

6 credits, Verification Level II

Wednesday, October 24; 8:30 am-4:00 pm

LOCATION: 204AB

CHAIR: Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*CO-CHAIR: Babak Sarani, MD, FACS, *Washington, DC*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into your practices. This will be a fast-paced review of the relevant changes to critical care practices that have occurred over the last year. Dynamic experts in the field will review the literature and provide practical tips for implementing these changes into practice.

Session I

Wednesday, 8:30-10:00 am

Welcome

Babak Sarani, MD, FACS, *Washington, DC*Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*

Neurocritical Care and the Brain

Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*

Respiratory Failure/Acute Respiratory Distress Syndrome (ARDS): New Guidelines, HHF, Airway Pressure Release Ventilation (APRV)

Jeremy W. Cannon, MD, FACS, *Philadelphia, PA*

Extracorporeal Support for Organ Failure: Emergency Department and Intensive Care Unit

Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*

Pain, Agitation, Delirium, and Early Mobility

Karen J. Brasel, MD, FACS, *Portland, OR*

Session II

Wednesday, 10:15-11:55 am

Sepsis Update: Early Goal-Directed Therapy (EGDT), Steroids, Angiotensin II, Euphrates

Matthew R. Rosengart, MD, MPH, FACS, *Pittsburgh, PA*

Hemodynamic Monitoring: Fluids or Pressors?

Bellal Joseph, MD, FACS, *Tucson, AZ*

How Do I Reverse All These Anticoagulants?

Babak Sarani, MD, FACS, *Washington, DC*

Infections in the Intensive Care Unit: Hospital-Acquired Pneumonia/Ventilator-Associated Pneumonia (HAP/VAP) and Complicated Intra-Abdominal Infections (cIAI)

Addison K. May, MD, FACS, *Nashville, TN***Session III**

Wednesday, 12:55-2:35 pm

C. Difficile Disease: New Guidelines 2018

Paula Ferrada, MD, FACS, *Richmond, VA*

Nutrition in Critical Care: What's New?

Robert G. Martindale, MD, PhD, FACS, *Portland, OR*

Acute Kidney Injury and Renal Support

Samuel A. Tisherman, MD, FACS, *Baltimore, MD*

Transfusion in the Operating Room and Intensive Care Unit: Best Practices

Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

Coagulopathy/Fibrinolysis: Assessment and Treatment

Mitchell J. Cohen, MD, FACS, *San Francisco, CA***Session IV**

Wednesday, 2:50-4:00 pm

Trauma: Achieving Zero Preventable Deaths

Eileen M. Bulger, MD, FACS, *Seattle, WA*

Palliative Care in the Intensive Care Unit

Christine C. Toevs, MD, FACS, *Terre Haute, IN*

Billing/Coding for Critical Care Services

Samir M. Fakhry, MD, FACS, *Charleston, SC*

Use of Ultrasound to Assess Cardiac and Volume Status in the Intensive Care Unit

Sarah B. Murthi, MD, FACS, *Baltimore, MD**Sponsored by the Committee on Trauma and the Committee on Surgical Skills Training for Practicing Surgeons***Surgical Skills Courses (SC)****SC01 | Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies**

TRACK(S): RUS, GEN, OBG, PED

8 credits, Verification Level III

Saturday, October 20; 8:00 am-5:30 pm

LOCATION: Lecture: 209; Lab: 210C

CHAIR: Adam Deutchman, MD, FACS, *Salmon, ID*CO-CHAIR: Susan E. Long, MD, FACS, *Buckhannon, WV*

Advanced Skills Training for Rural Surgeons is a dynamic course that covers diverse technical skills that are applicable in various practice environments. This year's course will cover three modules: Laparoscopic common bile duct exploration, laparoscopic management of ectopic pregnancy, and ovarian torsion, as well as pediatric surgical techniques. The course will begin with didactic lectures to address key concepts for each module, followed by hands-on, mentored practice of surgical skills.

Welcome, Introductions, and Course Overview

Susan E. Long, MD, FACS, *Buckhannon, WV*Adam Deutchman, MD, FACS, *Salmon, ID*

Laparoscopic Common Bile Duct Exploration

Ezra N. Teitelbaum, MD, *Portland, OR*

Management of Tracheal Foreign Bodies in the Pediatric Patient

Arthur Cooper, MD, MS, FACS, *New York, NY*Whitney J. McBride, MD, FACS, *Bangor, ME*

Management of Esophageal Foreign Bodies in the Pediatric Patient

John M. Draus, MD, FACS, *Lexington, KY*

Management of Ectopic Pregnancy for the Rural General Surgeon

Shanti Mohling, MD, FACOG, *Chattanooga, TN*

Management of the Torsed Ovary for the Rural General Surgeon

Shanti Mohling, MD, FACOG, *Chattanooga, TN*

Question and Answer Session

Break

Hands-On Skills Lab Session 1

Lunch

Pearls for Resuscitation of the Pediatric Patient

Kennith H. Sartorelli, MD, FACS, *Burlington, VT*

Hands-On Skills Lab Session 2

HANDS-ON SKILLS STATION INSTRUCTORS: LAPAROSCOPIC COMMON BILE DUCT EXPLORATION

Matthew A. Conway, MD, FACS, *Rutland, VT*Eric S. Hungness, MD, FACS, *Chicago, IL*Ezra N. Teitelbaum, MD, *Portland, OR*Khashayar Vaziri, MD, FACS, *Washington, DC*

HANDS-ON SKILLS STATION INSTRUCTORS: PEDIATRICS

Arthur Cooper, MD, MS, FACS, *New York, NY*John M. Draus, MD, FACS, *Lexington, KY*Whitney J. McBride, MD, FACS, *Bangor, ME*Kennith H. Sartorelli, MD, FACS, *Burlington, VT*

HANDS-ON SKILLS STATION INSTRUCTORS: GYNECOLOGY

Mobolaji O. Ajao, MD, MPH, *Boston, MA*Rayan Elkattah, MD, *Peoria, IL*Shanti Mohling, MD, FACOG, *Chattanooga, TN*Ido Sirota, MD, MHA, FACOG, *Flushing, NY*Michael K. Ting, MD, *Augusta, ME**Sponsored by the Advisory Council for Rural Surgery*

SC02 | Minimally Invasive and Robot-Assisted Esophagectomy

TRACK(S): CTS, GEN, ONC

SC02A: Lecture Only

4 credits, Verification Level II

Saturday, October 20; 8:00 am-12:15 pm

LOCATION: 208

SC02B: Lecture and Lab

8 credits, Verification Level III

Saturday, October 20; 8:00 am-5:30 pm

LOCATION: Lecture: 208; Lab: 205BC

CHAIR: Min P. Kim, MD, FACS, *Houston, TX*

CO-CHAIR: Inderpal S. Sarkaria, MD, FACS, *Pittsburgh, PA*

This Postgraduate Course will provide the surgeon with advanced education and training in minimally invasive and robot-assisted esophagectomy. The didactic session will include discussions on optimal diagnoses and staging of patients with esophageal cancer, the benefits of performing minimally invasive esophagectomy, the techniques of intrathoracic and cervical anastomosis, and the management of the complications after an esophagectomy. In addition, it will cover the different port placements and basic techniques to perform minimally invasive and robotic esophagectomy.

During the hands-on skills session, the surgeon will practice creating intra-abdominal gastric conduit, creating intrathoracic anastomosis, and learn endoscopic methods of managing esophageal leak using a porcine model. This Skills Course will provide comprehensive techniques for surgeons to perform minimally invasive and robot-assisted esophagectomy.

Session A: Lectures

Welcome and Overview

Min P. Kim, MD, FACS, *Houston, TX*

Inderpal S. Sarkaria, MD, FACS, *Pennsylvania, PA*

Benefits of Minimally Invasive Esophagectomy

Michael S. Kent, MD, FACS, *Boston, MA*

Technical Aspects of Performing Minimally Invasive Esophagectomy

Sidharta P. Gangadharan, MD, FACS, *Boston, MA*

Building a Robotic Program

Daniel S. Oh, MD, FACS, *Los Angeles, CA*

Break

Technical Aspects of Performing Robot-Assisted Esophagectomy

Inderpal S. Sarkaria, MD, FACS, *Pittsburgh, PA*

Techniques for Intrathoracic Anastomosis

David C. Rice, MB, BCh, *Houston, TX*

Techniques for Cervical Anastomosis

Philip A. Rascoe, MD, FACS, *Houston, TX*

Endoscopic Management of Anastomotic Leak

Edward Y. H. Chan, MD, *New York, NY*

Question and Answer Session

Min P. Kim, MD, FACS, *Houston, TX*

Inderpal S. Sarkaria, MD, FACS, *Pittsburgh, PA*

Session B: Hands-On Skills Workshop

(Includes Session A)

Sunday, 12:15-5:30 pm

Lunch (ticket required)

Hands-On Skills Lab Sessions, 1:00 pm

Robotic Surgery, Video-Assisted Thoracic Surgery, Laparoscopic and Endoscopic Surgery

HANDS-ON SKILLS STATION INSTRUCTORS:

Edward Y. H. Chan, MD, *New York, NY*

Sidharta P. Gangadharan, MD, FACS, *Boston, MA*

Michael S. Kent, MD, FACS, *Boston, MA*

Daniel S. Oh, MD, FACS, *Los Angeles, CA*

Philip A. Rascoe, MD, FACS, *Houston, TX*

David C. Rice, MB, BCh, *Houston, TX*

Sponsored by the Commission on Cancer and the Advisory Council for Cardiothoracic Surgery

SC03 | International Humanitarian Surgery*

TRACK(S): HUM, INT

8 credits, Verification Level II

Sunday, October 21; 8:00 am-5:30 pm

LOCATION: STRATUS Center for Medical Simulation, Brigham and Women's Hospital

*Bus transportation will be provided to STRATUS.

CHAIR: Sherry M. Wren, MD, FACS, FCSECSA, *Palo Alto, CA*

CO-CHAIR: Robert Riviello, MD, MPH, FACS, *Boston, MA*

This Postgraduate Course will help prepare the International Humanitarian Volunteer to function in a low-resource setting for treatment of common surgical conditions. In developing countries the surgical volunteer must truly be a "generalist" and be able to handle a variety of conditions including obstetrics and surgical subspecialties. This course will give didactic and hands-on skills training in key areas of orthopaedics, general surgery, neurosurgery, plastics, obstetrics, and gynecology.

Welcome, Introductions, and Course Overview

Sherry M. Wren, MD, FACS, FCSECSA, *Palo Alto, CA*

Robert Riviello, MD, MPH, FACS, *Boston, MA*

Personal Preparation

Sherry M. Wren, MD, FACS, FCSECSA, *Palo Alto, CA*

Case Studies

Sherry M. Wren, MD, FACS, FCSECSA, *Palo Alto, CA*

Break; Move to Lab Room

Hands-On Skills Lab Sessions: I

Hand and Tendon Injury Repair

Burn and Wound Management (Z-Plasty/Rhomboid Flaps/Split-Thickness Skin Graft)

Neurosurgery—Blind Burr Hole for Craniotomy

Primary Tissue Repair of Inguinoscrotal Hernias
 External Fixation and Traction Pin Management of Basic Fractures
 Cesarean Section
 Dilation/Evacuation/Curretage
 Emergent Hysterectomy after Cesarean Section
 Fetal Delivery Techniques for Normal and Abnormal Presentations at Cesarean Section Delivery
 Postpartum Hemorrhage
 Lunch
 Hands-On Lab Session 2

Wrap-Up and Final Discussion
 Sherry M. Wren, MD, FACS, FCSECSA, *Palo Alto, CA*

HANDS-ON SKILLS STATION INSTRUCTORS:

Egide Abahuje, MD, *Kigali City, Rwanda*
 Kristin Alves, MD, *Boston, MA*
 Tomas Andriotti, MD, MPH, *Cambridge, MA*
 Ernest Barthelemy, MD, *New York, NY*
 Khady Diouf, MD, *Boston, MA*
 George Dyer, MD, FACS, *Boston, MA*
 Melody Eckardt, MD, *Boston, MA*
 Annekathryn Goodman, MD, MPH, FACS, *Boston, MA*
 Cheryl Hamlin, MD, *Cambridge, MA*
 Lydia A. Helliwell, MD, *Boston, MA*
 David C. Knight, MB, BCh, FACS, *Middlebury, CT*
 Rose L. Molina, MD, *Boston, MA*
 Amanda Ramos, MD, *Baltimore, MD*
 Robert Riviello, MD, MPH, FACS, *Boston, MA*
 Lina Roa, MD, *Cambridge, MA*
 Gail L. Rosseau, MD, *Chicago, IL*
 Celeste S. Royce, MD, *Boston, MA*
 Julianna Schantz-Dunn, MD, *Boston, MA*
 Adrienne R. Socci, MD, *New Haven, CT*
 David Spiegel, MD, *Boston, MA*
 Simon G. Talbot, MB, ChB, *Boston, MA*
 Andrew O. Usoro, MD, *Boston, MA*

Sponsored by Operation Giving Back

SC04 | Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery

TRACK(S): GEN

SC04A: Lecture Only

4 credits, Verification Level II
 Sunday, October 21; 8:00 am-12:15 pm

LOCATION: 209

SC04B: Lecture and Lab

8 credits, Verification Level III
 Sunday, October 21; 8:00 am-5:30 pm

LOCATION: Lecture: 209; Lab: 210A

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
 CO-CHAIR: Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Therapeutic endoscopy continues to change gastrointestinal surgery. Endoscopic therapy for gastroesophageal reflux disease (GERD), Barrett's esophagus, achalasia, anastomotic leaks, obesity, and intestinal fistulas are all now

commonplace. This course will show participants how to use flexible endoscopy to improve the care of their patients. It includes a brief summary of electrosurgical safety and an overview of patient preparation for endoscopic procedures. The goal is to retool the surgical workforce with less invasive options for better patient care and outcomes.

The hands-on lab will introduce participants to techniques and technologies that can be readily introduced into their practice including dilation, clip placement, mucosal ablation, stent placement, endoluminal therapies for GERD, endoscopic suturing, endoscopic mucosal resection, and peroral endoscopic myotomy. (Basic flexible endoscopy will not be taught during the lab session).

Session A: Lectures

Welcome and Introduction

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Surgeon-Performed Endoscopy: Why, How, and When
 Robert D. Fanelli, MD, MHA, FACS, FASGE, *Sayre, PA*

Upper Endoscopy and Basic Procedural Interventions
 Jose M. Martinez, MD, FACS, *Miami, FL*

Quality Metrics in Colonoscopy
 Patricia Sylla, MD, FACS, FACRS, *New York, NY*

Colonoscopy Polypectomy
 Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*

Fundamental Use of Surgical Energy during Endoscopy Therapies

Brian J. Dunkin, MD, FACS, *Houston, TX*

Question and Answer Session

Break

Dilation and Adjunct Therapy for Strictures
 Eleanor C. Fung, MD, *Buffalo, NY*

Endoscopic Enteral Access
 Bipan Chand, MD, FACS, FASMBS, FASGE, *Maywood, IL*

Management of Gastrointestinal Tract Defects
 Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Endoscopic Stent Placement
 Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Endoscopy in the Bariatric Patient
 Leena Khaitan, MD, FACS, *Cleveland, OH*

Panel Discussion

Session B: Hands-On Skills Workshop (Includes Session A)

Sunday, 12:15-5:30 pm

Lunch (ticket required)

Hands-On Skills Lab Session, 1:05 pm

HANDS-ON SKILLS STATION INSTRUCTORS:

Diya I. Alaedeen, MD, FACS, *Cleveland, OH*

Robert J. Bowles, MD, FACS, *Miami, FL*

Bipan Chand, MD, FACS, FASMBS, FASGE, *Maywood, IL*

Brian J. Dunkin, MD, FACS, *Houston, TX*

Christy M. Dunst, MD, FACS, *Portland, OR*

Robert D. Fanelli, MD, MHA, FACS, FASGE, *Sayre, PA*

Eleanor C. Fung, MD, *Buffalo, NY*

Ryan M. Juza, MD, *Hershey, PA*

Leena Khaitan, MD, FACS, *Cleveland, OH*

Jose M. Martinez, MD, FACS, *Miami, FL*
 Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*
 Heidi J. Miller, MD, *Albuquerque, NM*
 Jeffrey L. Ponsky, MD, MBA, FACS, *Cleveland, OH*
 Charles Y. Ro, MD, FACS, *Joplin, MO*
 Ezra N. Teitelbaum, MD, *Portland, OR*
 Thadeus L. Trus, MD, *Lebanon, NH*

Sponsored by the Advisory Council for General Surgery

SC05 | Thyroid, Parathyroid, and Neck Ultrasound

TRACK(S): GEN, ONC, OTO

7.75 credits, Verification Level III

Sunday, October 21, 8:15 am-5:30 pm

LOCATION: 210B

CHAIR: Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*
 CO-CHAIR: Russell B. Smith, MD, FACS, *Jacksonville, FL*

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid, parathyroid, and neck for commonly encountered diseases. The distinction of normal from malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I-VI. The technique of ultrasound-guided fine-needle aspiration biopsy (FNAB) of thyroid nodules and lymph nodes are addressed in didactic lecture format. In addition, hands-on skill sessions allow the surgeon to develop techniques to perform diagnostic neck ultrasound and ultrasound-guided FNAB. The use of standardized patients allows supervised hands-on experience with transverse and longitudinal scanning methods. The techniques of FNAB of lesions will be performed using phantom models.

Prerequisite: Registrants must have completed the *Ultrasound for Surgeons: The Basic Course, 3rd Edition* Online Course.

Overview and Discussion of Course Topics
 Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Physics and Principles of Ultrasonography
 Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Scanning Techniques for Head and Neck Ultrasonography
 Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

Ultrasonography of Normal Neck Anatomy
 Arjun Joshi, MD, FACS, FRCSC, *Washington, DC*

Break

Instructor Demonstration
 Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Thyroid Ultrasonography
 Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*
 Russell B. Smith, MD, FACS, *Jacksonville, FL*

Parathyroid Ultrasonography
 Cord Sturgeon, MD, FACS, *Chicago, IL*

Break

Neck Ultrasonography
 Russell B. Smith, MD, FACS, *Jacksonville, FL*

Interventional Ultrasonography
 Joyce J. Shin, MD, FACS, *Cleveland, OH*

Lunch

Integrating Office-Based Ultrasonography into Practice
 Merry E. Sebelik, MD, FACS, *Atlanta, GA*

Introduction to the Lab

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Break

Scanning Techniques for Head and Neck Ultrasonography

Hands-On Skills Lab Session

Module 1: Basic Technical Issues

Module 2: Central Neck Issues

Module 3: Lateral Neck Issues

Module 4: Lymph Node Evaluation

Module 5: Performance Exam

Module 6: Ultrasound-Guided Fine-Needle Aspiration

HANDS-ON SKILLS STATION INSTRUCTORS:

Christopher Fundakowski, MD, FACS, *Rydal, PA*

Arjun Joshi, MD, FACS, FRCSC, *Washington, DC*

John S. Kennedy, MD, FACS, *Decatur, GA*

Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

Merry E. Sebelik, MD, FACS, *Atlanta, GA*

Joyce J. Shin, MD, FACS, *Cleveland, OH*

Cord Sturgeon, MD, FACS, *Chicago, IL*

Concluding Remarks

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Sponsored by the National Ultrasound Faculty and the Committee on Surgical Skills Training for Practicing Surgeons

SC06 | Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity

TRACK(S): GEN

SC06A: Lecture Only

3 credits, Verification Level II

Monday, October 22; 10:00 am-1:15 pm

LOCATION: 208

SC06B: Lecture and Lab

6 credits, Verification Level III

Monday, October 22; 10:00 am-5:30 pm

LOCATION: Lecture: 208; Lab: 210C

CHAIR: Marco G. Patti, MD, FACS, *Chapel Hill, NC*

CO-CHAIR: John G. Hunter, MD, FACS, FRCSEd(Hon), *Portland, OR*

This Postgraduate Course will provide the participants with advanced education in foregut surgery. The didactic lectures will cover basic anatomy, evaluation, technical aspect of procedures, and results of foregut surgery. Leaders in foregut surgery will discuss the workup, indications for surgery, anatomy, technical steps of the procedure, including intraoperative trouble shooting, treatment of complications, and results.

During the hands-on skills lab session, participants will work in small groups led by expert surgeons using perfused tissue block models to practice foregut surgery procedures. Procedures to be performed and practiced include laparoscopic Nissen fundoplication, laparoscopic Heller myotomy, and sleeve gastrectomy.

Session A: Lectures

Welcome and Introduction

Marco G. Patti, MD, FACS, *Chapel Hill, NC*

John G. Hunter, MD, FACS, FRCSEd(Hon), *Portland, OR*

Preoperative Evaluation

Marco G. Patti, MD, FACS, *Chapel Hill, NC*

Laparoscopic Heller Myotomy

David W. Rattner, MD, FACS, *Boston, MA*

Laparoscopic Nissen Fundoplication

John G. Hunter, MD, FACS, FRCSEd(Hon), *Portland, OR*

Break

Laparoscopic Paraesophageal Hernia Repair

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Laparoscopic Sleeve Gastrectomy

Timothy M. Farrell, MD, FACS, *Chapel Hill, NC*

Roux-en-Y vs. Sleeve

María V. Gorodner, MD, *Buenos Aires, Argentina*

The Foregut Model

Francisco Schlottmann, MD, *Chapel Hill, NC*

Session B: Hands-On Skills Workshop

(Includes Session A)

Sunday, 1:15-5:30 pm

Lunch (ticket required)

Hands-On Skills Lab Session, 2:15 pm

HANDS-ON SKILLS STATION INSTRUCTORS:

Timothy M. Farrell, MD, FACS, *Chapel Hill, NC*

María V. Gorodner, MD, *Buenos Aires, Argentina*

David W. Rattner, MD, FACS, *Boston, MA*

Ezequiel Sadava, MD, *Buenos Aires, Argentina*

Francisco Schlottmann, MD, *Chapel Hill, NC*

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SC07 | Advanced Colonoscopy: Polypectomy and Beyond

TRACK(S): CRS, GEN

4 credits, Verification Level III

Monday, October 22; 1:00-5:30 pm

LOCATION: Lecture: 209; Lab: 210A

CHAIR: Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

CO-CHAIR: Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

New developments in advanced endoscopic techniques for polypectomy over the last 12 years include: endoscopic mucosal resection (EMR), endoscopic submucosal dissection (ESD), and laparoscopic-assisted colonoscopic polypectomy), endoscopically placed stents to relieve colorectal

obstruction, treatment of leaks and fistulas, and endoluminal suturing. A common goal of these methods is to avoid major surgery where feasible. This course, which is designed for general and colorectal surgeons who routinely perform colonoscopy, will discuss the various advanced methods and review the pertinent data. The course will also present information regarding the new endoluminal platforms and instruments that have been introduced during the last few years in this rapidly developing field. A post-symposium strategy for acquiring the advanced skills needed to perform ESD and complex EMR using ex-vivo and inanimate models will be presented. The hands-on skills lab session will allow the participants the chance to perform ESD in an ex-vivo model and place endoscopic clips, as well as become acquainted with colonic stents, endoluminal platforms, and endoluminal suturing devices.

Welcome and Introduction

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Endoscopic Diagnosis and Classification of Premalignant and Malignant Polyps and Role of EMR

Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

Laparoscopic-Facilitated Colonoscopic Resection of Large Polyps

Sang W. Lee, MD, FACS, *Los Angeles, CA*

Endoscopic Submucosal Dissection

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

The Submucosal Lift and Educational Strategies for ESD in America

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Endoscopic Suturing (Full Thickness) and New Endoluminal Platforms

Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

Stenting of Colorectal Strictures

Maheer A. Abbas, MD, FACS, FASCRS, *Dubai, United Arab Emirates*

Break; Move to Lab Room

Introduction to the Lab

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Hands-On Skills Lab Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Maheer A. Abbas, MD, FACS, FASCRS, *Dubai, United Arab Emirates*

Todd D. Francone, MD, FACS, *Newton, MA*

Jennifer Hrabe, MD, *Iowa City, IA*

Sang W. Lee, MD, FACS, *Los Angeles, CA*

David Liska, MD, FACS, *Cleveland, OH*

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

Marc A. Singer, MD, FACS, *Maywood, IL*

Toyooki Sonoda, MD, FACS, FASCRS, *New York, NY*

D. Mark Zebley, MD, FACS, FASCRS, *Abington, PA*

Sponsored by the Advisory Council for Colon and Rectal Surgery

SC08 | Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons

TRACK(S): GEN, PED, EDU, RUS

4 credits, Verification Level III

Monday, October 22; 1:15-5:30 pm

LOCATION: 210B

CHAIR: Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*
CO-CHAIR: Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Ultrasound can be an extremely useful tool for surgeons by increasing speed, safety, and outcomes in the operating room. Central venous access is a good example of a common procedure that can be improved with ultrasound use. Ultrasound can increase ease and efficiency in gaining safe central access and is recommended by the American College of Surgeons. The main focus of this course will be the expanded hands-on training on a variety of models teaching safe interventional techniques including vascular access, biopsies, drainage procedures, placement of drains, ultrasound-guided injection techniques, and placement of gastrostomy tubes. Common tips and tricks used by radiological and surgical interventionists in their daily practice will be coached and practiced. An overview of strategies for credentialing, resourcing, adoption, and coding of ultrasound-guided procedures will be given.

Welcome and Overview

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Advanced Knobology and Techniques

Judy H. Squires, MD, *Pittsburgh, PA*

Anatomical Basics for Ultrasound Interventions

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Ultrasound-Guided Vascular Access

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Ultrasound-Guided Biopsies and Drains

Samir K. Gadepalli, MD, FACS, *Ann Arbor, MI*

Utilizing the Optimal Needles, Wires, and Catheters

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Other Interventional Ultrasound-Guided Procedures

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Break

Hands-On Skills Lab Session

HANDS-ON SKILLS STATIONS INSTRUCTORS:

Juan L. Calisto, MD, *Miami, FL*

Alexander Dzakovic, MD, FACS, *Chicago, IL*

Samir K. Gadepalli, MD, FACS, *Ann Arbor, MI*

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Matthew W. Ralls, MD, *Ann Arbor, MI*

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

K. Elizabeth Speck, MD, *Ann Arbor, MI*

Judy H. Squires, MD, *Pittsburgh, PA*

Sponsored by the National Ultrasound Faculty, the Committee on Surgical Skills Training for Practicing Surgeons, and the Advisory Council for Pediatric Surgery

SC09 | Ultrasound for the General Surgeon: How to Help Your Patient in the Acute Setting with the Technology Available in Your Pocket

TRACK(S): GEN

6 credits, Verification Level III

Tuesday, October 23; 8:30 am-4:00 pm

LOCATION: 210B

CHAIR: Paula Ferrada, MD, FACS, *Richmond, VA*

CO-CHAIR: Jacob J. Glaser, MD, FACS, *San Antonio, TX*

Technological advances in ultrasound have made equipment more efficient and portable, leading to the increase in use of hand-held ultrasound devices in several settings. These devices can be used to diagnose causes of hypoxia and hypotension in general surgery patients at any physical location. This technology is especially useful in austere environments.

Welcome and Introduction

Paula Ferrada, MD, FACS, *Richmond, VA*

Hand-held Ultrasound Technology—What, How, and How Much?

Jacob J. Glaser, MD, FACS, *San Antonio, TX*

Hands-On Skills Lab Session

Use of the Hand-Held Ultrasounds

Ultrasound to Diagnose Causes of Hypotension and Hypoxia

Paula Ferrada, MD, FACS, *Richmond, VA*

Break

How to Perform a Limited Echocardiogram

Parasternal Long

Molly N. Flannagan, MD, *Cleveland, OH*

Hands-On Skills Lab Session

Parasternal Short

Aditi Kapil, MD, *Northampton, MA*

Hands-On Skills Lab Session

Apical

Roberto C. Castillo, DO, MPH, *Bethlehem, PA*

Hands-On Skills Lab Session

Subxyphoid

Rachael A. Callcut, MD, FACS, *Palo Alto, CA*

Hands-On Skills Lab Session

Break

How to Perform an Abdominal Focused Assessment with Sonography for Trauma (FAST)

Aela P.D. Vely, MD, *Ann Arbor, MI*

Hands-On Skills Lab Session

How to Perform an Ultrasound of the Lung and Pleura

Oliver L. Gunter, MD, FACS, *Nashville, TN*

Hands-On Skills Lab Session

Use of Ultrasound in Austere Circumstances

Thomas W. Carver, MD, FACS, *Milwaukee, WI*

Break

Panel for Questions and Answers

HANDS-ON SKILLS STATION INSTRUCTORS:

Rachael A. Callcut, MD, FACS, *Palo Alto, CA*
 Thomas W. Carver, MD, FACS, *Milwaukee, WI*
 Roberto C. Castillo, DO, MPH, *Bethlehem, PA*
 Molly N. Flannagan, MD, *Cleveland, OH*
 Jacob J. Glaser, MD, FACS, *San Antonio, TX*
 Oliver L. Gunter, MD, FACS, *Nashville, TN*
 Aditi Kapil, MD, *Northampton, MA*
 Aela P.D. Vely, MD, *Ann Arbor, MI*

Sponsored by the National Ultrasound Faculty

SC10 | Oncoplastic Breast Surgery in My Practice

TRACK(S): ONC, GEN

7 credits, Verification Level III

Tuesday, October 23; 9:00 am-5:30 pm

LOCATION: Boston Marriott Copley Place, Grand Ballroom Salon CD

CHAIR: V. Suzanne Klimberg, MD, PhD, FACS, *Galveston, TX*
 CO-CHAIR: Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

This Postgraduate Course will immerse the attendee into the world of oncoplastic breast surgery. The course will cover both basic and advanced techniques including placement of incisions, tissue transfer, round block techniques, reconstructive lumpectomies, and reduction mammoplasties and nipple skin-sparing mastectomies. The course involves both a didactic session and hands-on cadaver lab. The participant will learn how to incorporate these techniques into their practice and how to start that change immediately.

Welcome and Introduction

V. Suzanne Klimberg, MD, PhD, FACS, *Galveston, TX*

Getting Started and Establishing Your Team

Susan K. Boolbol, MD, FACS, *New York, NY*

Optimizing Cosmetic Outcomes for Breast Excisions

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Oncoplastic Techniques for the Upper Hemisphere of the Breast

V. Suzanne Klimberg, MD, PhD, FACS, *Galveston, TX*

Oncoplastic Techniques for the Lower Hemisphere of the Breast

Jennifer S. Gass, MD, FACS, *Providence, RI*

Extreme Oncoplasty

Dennis R. Holmes, MD, FACS, *Los Angeles, CA*

Break

Pedicle Rearrangement Based on Tumor Quadrant Location

Christopher C. Glaser, MD, FACS, *Owensboro, KY*

Nipple-Sparing Mastectomy

Jill R. Dietz, MD, FACS, *Beachwood, OH*

Lunch

What if I Don't Have a Plastic Surgeon? The Goldilocks Technique

Heather M. Richardson, MD, FACS, *Beverly Hills, CA*

Getting Paid for What You Do

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Details about Hands-On Labs; Question and Answer Session;

V. Suzanne Klimberg, MD, PhD, FACS, *Galveston, TX*

Hands-On Skills Lab: Live Model Marking

Hands-On Skills Lab: Cadaver Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Susan K. Boolbol, MD, FACS, *New York, NY*

Patricia L. Clark, MD, FACS, *Scottsdale, AZ*

Jill R. Dietz, MD, FACS, *Beachwood, OH*

Kristalyn K. Gallagher, DO, FACS, *Chapel Hill, NC*

Jennifer S. Gass, MD, FACS, *Providence, RI*

Christopher C. Glaser, MD, FACS, *Owensboro, KY*

Dennis R. Holmes, MD, FACS, *Los Angeles, CA*

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Juliann M. Reiland, MD, FACS, *Sioux Falls, SD*

Heather M. Richardson, MD, FACS, *Beverly Hills, CA*

Amy E. Rivere, MD, *New Orleans, LA*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SC11 | Basic Endovascular Skills for Trauma (BEST™)*

TRACK(S): TRA, VAS

4 credits, Verification Level III

Tuesday, October 23; 1:00-5:30 pm

LOCATION: Surgical and Interventional Research Laboratories (SIRL), Tufts Medical Center

*Bus transportation will be provided to SIRL.

CHAIR: Megan Brenner, MD, FACS, *Baltimore, MD*

CO-CHAIR: Joseph J. DuBose, MD, FACS, FCCM, *Baltimore, MD*

The use of interventional procedures in vascular trauma has significantly increased over the past two decades. Translational studies have noted the physiologic benefits of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in the setting of abdominal and pelvic hemorrhage. Recent clinical series have demonstrated safe and effective control of hemorrhage using REBOA in trauma patients with life-threatening hemorrhage below the diaphragm. This skill set can be learned and performed by acute care surgeons in the resuscitation area using portable X ray. The BEST Course consists of didactics, a dry simulator skills session, and a perfused cadaver simulation session. During the dry lab students will learn the basic technique and tools used for REBOA, while the cadaver lab emphasizes ultrasound-guided percutaneous common femoral artery (CFA) access, confirmatory imaging, hemodynamic changes that occur with aortic occlusion, surgical CFA exposure, and arteriotomy repair.

Introduction and Welcome

Megan Brenner, MD, FACS, *Baltimore, MD*

Joseph J. DuBose, MD, FACS, FCCM, *Baltimore, MD*

History of REBOA and Translational Research

David E. Meyer, MD, *Houston, TX*

Indications for REBOA, Clinical Algorithm, Case Scenarios, and Clinical Research

Brian C. Beldowicz, MD, *Sacramento, CA*

Edgardo S. Salcedo, MD, FACS, *Sacramento, CA*

Technique of REBOA, CODA, and ER-REBOA

James Bogert, MD, FACS, *Phoenix, AZ*

Introduction to Lab; Station Assignments

Megan Brenner, MD, FACS, *Baltimore, MD*

Hands-On Skills Lab Sessions

Dry Simulation

Cadaver Lab

HANDS-ON SKILLS STATION INSTRUCTORS:

Brian C. Beldowicz, MD, *Sacramento, CA*

James Bogert, MD, FACS, *Phoenix, AZ*

Charles J. Fox, MD, FACS, *Denver, CO*

Melanie Hoehn, MD, *Atlanta, GA*

David E. Meyer, MD, *Houston, TX*

Laura J. Moore, MD, FACS, *Houston, TX*

Jonathan J. Morrison, PhD, FRCS, *Baltimore, MD*

Lena M. Napolitano, *Ann Arbor, MI*

Jason D. Pasley, DO, FACS, *Baltimore, MD*

Edgardo S. Salcedo, MD, FACS, *Sacramento, CA*

Sponsored by the Committee on Trauma

SC12 | Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair

TRACK(S): GEN, EDU, RUS

SC12A: Lecture Only

3.5 credits, Verification Level II

Wednesday, October 24; 8:00-11:45 am

LOCATION: 209

SC12B: Lecture and Lab

7.5 credits, Verification Level III

Wednesday, October 24; 8:00 am-5:00 pm

LOCATION: Lecture: 209; Lab: 210A

CHAIR: Carla M. Pugh, MD, PhD, FACS, *Stanford, CA*

CO-CHAIR: John S. Roth, MD, FACS, *Lexington, KY*

CO-CHAIR: Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Inguinal and ventral hernia repair are among the most commonly performed general surgical procedures. However, the penetrance of laparoscopic hernia repair remains low despite its advantages in many patients. The learning curve for laparoscopic hernia repair is lengthy despite participation in formal didactic training and is a major limiting factor in widespread adoption. Although laparoscopic hernia repair has been performed for more than 20 years, steady advances in techniques have resulted in improved outcomes. This course provides formal didactic training in patient selection, procedural anatomy, techniques, postoperative management, and treatment of common complications encountered in laparoscopic inguinal and ventral hernia repair.

The laboratory experience provides an opportunity for learners to work in small groups with expert surgeons using simulated hernia models. Learners are encouraged to challenge faculty with unique hernia questions and

cases by bringing complex cases to discuss in a small group setting. Surgeons with all levels of experience, from novice to experienced, are encouraged to attend.

Session A: Lectures

Course Introduction and Overview

Carla M. Pugh, MD, PhD, FACS, *Stanford, CA*

Lecture Series: Inguinal Hernia Repair

Evidence-Based Approach to Inguinal Hernia Repair:

Open, Laparoscopic, Robotic

Konstantinos Spaniolas, MD, *Stony Brook, New York*

Laparoscopic Transabdominal Preperitoneal (TAPP) Inguinal Repair: Tips and Tricks to Accelerate the Learning Curve

Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Laparoscopic Totally Extraperitoneal (TEP) Repair Simplified

Brian P. Jacob, MD, FACS, *New York, NY*

Robotic Inguinal Hernia Repair: How Do I Get Started?

Alisa M. Coker, MD, *Baltimore, MD*

Laparoscopic Repair of Recurrent Inguinal Hernias

Jacob A. Greenberg, MD, FACS, *Madison, WI*

Extended-View Extraperitoneal Hernia Repair: A Solution for Challenging Hernias

Igor Belyansky, MD, FACS, *Annapolis, MD*

Simplified Management of Groin Pain following Inguinal Hernia Repair

David M. Krpata, MD, *Cleveland, OH*

Panel Discussion

Break

Lecture Series: Ventral Hernia Repair

Laparoscopic Ventral Hernia (IPOM) with Defect Closure: Technique and Outcomes

Mike K. Liang, MD, FACS, *Houston, TX*

Minimally Invasive Repair of Atypical Hernias

Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

Laparoscopic Ventral Hernia Repair: Fact vs. Fiction

Sean B. Orenstein, MD, *Shaker Heights, OH*

Failed Laparoscopic Ventral Hernia Repair: What's Next?

John S. Roth, MD, FACS, *Lexington, KY*

Update on Biomaterials and Hernia Prevention

John P. Fischer, MD, MPH, *Philadelphia, PA*

Technology to Enhance Hernia Education

Paul Szotek, MD, *Carmel, IN*

Oops, What Do I Do Now?

William W. Hope, MD, FACS, *Wilmington, NC*

Panel Discussion

Session B: Hands-On Skills Workshop (Includes Session A)

Tuesday, 11:45 am-5:00 pm

Lunch (ticket required)

Hands-On Skills Lab Session, 12:45pm

Introduction to Hands-On Skills Course and Station Assignments

Carla M. Pugh, MD, PhD, FACS, *Stanford, CA*

HANDS-ON SKILLS STATION INSTRUCTORS:

Igor Belyansky, MD, FACS, *Annapolis, MD*

Curtis E. Bower, MD, FACS, *Roanoke, VA*

Alisa M. Coker, MD, *Baltimore, MD*

Robert J. Fitzgibbons, MD, FACS, *Omaha, NE*

Jacob A. Greenberg, MD, FACS, *Madison, WI*

William W. Hope, MD, FACS, *Wilmington, NC*

Dennis R. Klassen, B. Sc(Hon), MD, FACS, FRCSC, *Halifax, NS*

Yuri W. Novitsky, MD, FACS, *New York, NY*

Sean B. Orenstein, MD, *Shaker Heights, OH*

David W. Overby, MD, FACS, *Chapel Hill, NC*

Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Bruce Ramshaw, MD, FACS, *Knoxville, TN*

Konstantinos Spaniolas, MD, *Stony Brook, NY*

Ashley H. Vernon, MD, FACS, *Boston, MA*

Jin S. Yoo, MD, FACS, *Durham, NC*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SC14 | Advanced Surgical Skills for Exposure in Trauma (ASSET™)*

TRACK(S): TRA, GEN

7 credits, Verification Level III

Wednesday, October 24; 8:30 am-4:45 pm

LOCATION: Surgical and Interventional Research Laboratories (SIRL), Tufts Medical Center

*Bus transportation will be provided to SIRL.

CHAIR: Eric J. Kuncir, MD, FACS, *Huntington Beach, CA*

co-CHAIR: Edward Kelly, MD, FACS, *Boston, MA*

The Advanced Surgical Skills for Exposure in Trauma course is a cadaver-based course using a body-region approach to teaching. The course will cover five key anatomic areas: neck, chest, abdomen and pelvis, and upper and lower extremities. Participants will review a case-based scenario in each of the five areas before starting the hands-on skills portion of the course.

Welcome and Course Overview

Eric J. Kuncir, MD, FACS, *Huntington Beach, CA*

Move to Lab Room

Hands-On Skills Lab Sessions

Session 1: Upper Extremity

Case 1: Axillary Vessels

Case 2: Brachial Vessels

Case 3: Radial, Ulnar Vessels

Daniel J. Grabo, MD, FACS, *Morgantown, WV*

Session 2: Lower Extremity

Case 4: Femoral Vessels

Case 5: Popliteal/Fasciotomies

Matthew O. Dolich, MD, FACS, *Orange, CA*

Break

Session 3: Neck

Case 6: Subclavian–Supraclavicular

Case 7: Carotid, Internal Jugular, Trachea, Esophagus

Sebastian D. Schubl, MD, FACS, *Villa Park, CA*

Lunch

Session 4: Chest

Case 8: Median Sternotomy

Case 9: Left Thoracotomy

Edward Kelly, MD, FACS, *Boston, MA*

Case 10: Clamshell, Tractotomy, Pulm Hilum

Case 11: Proximal Subclavian

Reza Askari, MD, FACS, *Boston, MA*

Break

Session 5: Abdomen

Case 12: Pelvic Packing

Case 13: Retroperitoneal Approach to Iliacs

Michael E. Lekawa, MD, FACS, *Orange, CA*

Case 14, 15, 16: Vascular Exposures in Abdomen

Jeffrey T. Nahmias, MD, FACS, *Long Beach, CA*

Case 17: Liver and Retrohepatic Inferior Vena Cava

Eric J. Kuncir, MD, FACS, *Huntington Beach, CA*

Concluding Remarks

Eric J. Kuncir, MD, FACS, *Huntington Beach, CA*

HANDS-ON SKILLS STATION INSTRUCTORS:

Reza Askari, MD, FACS, *Boston, MA*

Matthew O. Dolich, MD, FACS, *Orange, CA*

Daniel J. Grabo, MD, FACS, *Morgantown, WV*

Michael E. Lekawa, MD, FACS, *Orange, CA*

Jeffrey T. Nahmias, MD, FACS, *Long Beach, CA*

Sebastian D. Schubl, MD, FACS, *Villa Park, CA*

Sponsored by the Committee on Trauma and the Committee on Surgical Skills Training for Practicing Surgeons

MEET-THE-EXPERT SESSIONS

Fee: \$15

These sessions provide an informal venue for surgical experts to converse with Clinical Congress attendees. Case-based discussions are encouraged. No audio/visual components or aids will be used during these sessions. Each session offers 1 Continuing Medical Education credit. Seating capacity is limited.

Monday, October 22

1:15-2:15 pm

ME101 | Enteral Access for Nutrition

LOCATION: 155

TRACK(S): GEN, TRA

FACILITATED BY: Richard J. Hendrickson, MD, FACS, *Kansas City, MO*

ME102 | Genitourinary Trauma

LOCATION: 261

TRACK(S): URO, TRA

FACILITATED BY: Hunter Wessells, MD, FACS, *Seattle, WA*

ME103 | Intraoperative Nerve Monitoring for Thyroid and Parathyroid Surgery: Should I Be Doing It?

LOCATION: 106

TRACK(S): GEN, OTO

FACILITATED BY: Gregory W. Randolph, MD, FACS, *Boston, MA*, and Samuel K. Snyder, MD, FACS, *Edinburg, TX*

ME104 | Experts Debate Controversial Issues in Parathyroidectomy

LOCATION: 105

TRACK(S): GEN, OTO

FACILITATED BY: Cord Sturgeon, MD, FACS, *Chicago, IL*, and Peter Angelos, MD, FACS, *Chicago, IL*

ME105 | Breast Cancer Management 2018

LOCATION: 103

TRACK(S): GEN, ONC

FACILITATED BY: Lee G. Wilke, MD, FACS, *Madison, WI*

ME106 | Communication Skills for Difficult Surgical Conversations

LOCATION: 101

TRACK(S): ETH, GER

FACILITATED BY: Emily B. Rivet, MD, MBA, FACS, FASCRS, *Richmond, VA*

ME107 | Anti-Reflux Gadgets and Gimmicks

LOCATION: 150

TRACK(S): CTS, GEN

FACILITATED BY: Brant K. Oelschlager, MD, FACS, *Seattle, WA*

ME108 | Central Venous Access Devices: Achieving Zero Complications from Insertion to Home Care

LOCATION: 152

TRACK(S): EDU, GEN

FACILITATED BY: John M. Daly, MD, FACS, FRCSI(Hon), FRCSG(Hon), *Philadelphia, PA*, and Colin A. Martin, MD, FACS, *Birmingham, AL*

ME109 | Crohn's Disease: Complex Issues

LOCATION: 154

TRACK(S): CRS, GEN

FACILITATED BY: Fabrizio Michelassi, MD, FACS, *New York, NY*

ME110 | Fixation of Fractured Ribs

LOCATION: 108

TRACK(S): CTS, ORT

FACILITATED BY: Thomas K. Varghese, Jr., MD, MS, FACS, *Salt Lake City, UT*

ME111 | Exploring the Benefits of Global Surgery Engagement to the Home Institution

LOCATION: 158

TRACK(S): HUM

FACILITATED BY: Girma Tefera, MD, FACS, *Madison, WI*

ME112 | Caring for the Young Adult Cancer Patient

LOCATION: 159

TRACK(S): ONC

FACILITATED BY: Clancy J. Clark, MD, FACS, *Winston-Salem, NC*, and Y. Nancy You, MD, MHSc, FACS, *Houston, TX*

ME113 | Anorectal Diseases

LOCATION: 256

TRACK(S): CRS

FACILITATED BY: Herand Abcarian, MD, FACS, *Chicago, IL*

ME114 | Approaches to Acute Pancreatitis

LOCATION: 213

TRACK(S): GEN

FACILITATED BY: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

ME115 | Critical Issues in Laparoscopic Ventral Hernia Repair

LOCATION: 260

TRACK(S): GEN

FACILITATED BY: Andrew S. Wright, MD, FACS, *Seattle, WA*

Tuesday, October 23

11:30 am-12:30 pm

ME201 | Medullary Thyroid Cancer: What You Need to Know

LOCATION: 108

TRACK(S): GEN, OTO

FACILITATED BY: Douglas B. Evans, MD, FACS, *Milwaukee, WI*, and Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

ME202 | Gastrointestinal Stromal Tumors (GIST)

LOCATION: 261

TRACK(S): GEN, ONC

FACILITATED BY: Ronald P. DeMatteo, MD, FACS, *Philadelphia, PA*

ME203 | Approaches to Nipple-Sparing Mastectomy

LOCATION: 106

TRACK(S): GEN, ONC

FACILITATED BY: Jay K. Harness, MD, FACS, *Bishop, CA*

ME204 | Painful Choices: Temporarily Scaling Back or Leaving Clinical Practice

LOCATION: 105

TRACK(S): HP, EDU

FACILITATED BY: Vikisha T. Fripp, MD, FACS, *Washington, DC*, and Linda Barry, MD, MPH, FACS, *Farmington, CT*

ME205 | Intracorporeal vs. Extracorporeal Anastomoses in Laparoscopic Bowel Surgery

LOCATION: 103

TRACK(S): GEN, CRS

FACILITATED BY: Barry A. Salky, MD, FACS, *New York, NY*

ME206 | Going into Surgical Practice: The Things You Weren't Taught

LOCATION: 101

TRACK(S): EDU

FACILITATED BY: Shubhada M. Dhage, MD, FACS, *New York, NY*, and Timothy A. Pritts, MD, FACS, *Cincinnati, OH*

ME207 | How to Introduce Flexible Endoscopy in My Practice

LOCATION: 150

TRACK(S): GEN

FACILITATED BY: Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

ME208 | Minimally Invasive Acute Care Surgery: What, When, and by Whom?

LOCATION: 152

TRACK(S): GEN

FACILITATED BY: Robert B. Lim, MD, FACS, FASMBS, *Honolulu, HI*

ME209 | Pediatric Urology

LOCATION: 154

TRACK(S): URO

FACILITATED BY: David A. Bloom, MD, FACS, *Ann Arbor, MI*

ME210 | Female Urology

LOCATION: 155

TRACK(S): URO

FACILITATED BY: Roger R. Dmochowski, MD, MMHC, FACS, *Nashville, TN*

ME211 | Assessing Chronic Pain following Inguinal Hernia Repair

LOCATION: 260

TRACK(S): GEN

FACILITATED BY: Katherine Graw Lamond, MD, MS, FACS, *Washington, DC*, and John B. Hanks, MD, FACS, *Charlottesville, VA*

ME212 | Sports Hernia: How to Diagnose and Understand Management Options

LOCATION: 159

TRACK(S): GEN

FACILITATED BY: L. Michael Brunt, MD, FACS, *St Louis, MO*

ME213 | Liver Resections: Tough Cases

LOCATION: 256

TRACK(S): GEN, EDU

FACILITATED BY: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Columbus, OH*

ME214 | Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?

LOCATION: 158

TRACK(S): GEN

FACILITATED BY: Janice L. Pasieka, MD, FACS, FRCSC, *Calgary, Alberta*

ME215 | Personalized Medicine for Breast Cancer

LOCATION: 213

TRACK(S): ONC

FACILITATED BY: Ingrid M. Meszoely, MD, FACS, *Nashville, TN*

Wednesday, October 24

11:30 am-12:30 pm

ME301 | Management of the Axilla in T1 or T2 Breast Cancer

LOCATION: 108

TRACK(S): ONC

FACILITATED BY: Andrea V. Barrio, MD, FACS, *New York, NY*

ME302 | Necrotizing Soft-Tissue Infections

LOCATION: 261

TRACK(S): GEN, TRA

FACILITATED BY: Sharon M. Henry, MD, FACS, *Baltimore, MD*

ME303 | Newer Targeted Therapies for Thyroid Cancer

LOCATION: 155

TRACK(S): OTO, ONC

FACILITATED BY: Douglas L. Fraker, MD, FACS, *Philadelphia, PA*

ME304 | Pregnancy during a Surgical Career: Strategies for Making It Work in Residency, Academics, and Private Practice

LOCATION: 103

TRACK(S): EDU, GEN

FACILITATED BY: Heena P. Santry, MD, FACS, *Columbus, OH*, Marcella W. Bradway, MD, FACS, *Pittsfield, MA*, and Sharon L. Stein, MD, FACS, *Cleveland, OH*

ME305 | What Just Happened? Dealing with Devastating Complications

LOCATION: 105

TRACK(S): GEN

FACILITATED BY: Rebecca C. Britt, MD, FACS, *Norfolk, VA*, and Paula Ferrada, MD, FACS, *Richmond, VA*

ME306 | Radical Prostatectomy vs. Watchful Waiting for Prostate Cancer

LOCATION: 101

TRACK(S): URO

FACILITATED BY: Robert R. Bahnson, MD, FACS, *Columbus, OH*

ME307 | Anal Neoplasia

LOCATION: 150

TRACK(S): CRS

FACILITATED BY: Rocco Ricciardi, MD, MPH, FACS, *Boston, MA*

ME308 | Total Mesorectal Excision: When and How

LOCATION: 152

TRACK(S): CRS

FACILITATED BY: Luca Stocchi, MD, FACS, *Cleveland, OH*

ME309 | Avoiding Thyroid Surgery Complications

LOCATION: 154

TRACK(S): OTO, GEN

FACILITATED BY: Amy Y. Chen, MD, MPH, FACS, *Atlanta, GA*

ME310 | Evidence-Based Treatment of Incisional Hernia

LOCATION: 106

TRACK(S): GEN

FACILITATED BY: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

ME311 | Peritoneal Dialysis Catheters: Tips and Tricks

LOCATION: 158

TRACK(S): GEN

FACILITATED BY: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

ME312 | The Difficult Gallbladder: Tricks of the Trade

LOCATION: 159

TRACK(S): GEN

FACILITATED BY: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

ME313 | Complex Abdominal Trauma

LOCATION: 256

TRACK(S): TRA

FACILITATED BY: David V. Feliciano, MD, FACS, *Baltimore, MD*

Town Hall Meetings

Town Hall Meetings provide a forum for informal discussion about issues relevant to the Fellows of the American College of Surgeons (ACS) as well as to address specific topics and areas of concern identified by the Advisory Councils and governing committees of the ACS. To maintain the informal atmosphere, audio/visual aids are not provided and no formal presentations are made. These meetings are scheduled 7:00 to 7:45 am, Tuesday through Thursday of the Clinical Congress. Attendance is included at no extra charge with a paid meeting registration. (Continuing Medical Education Credit hours are not offered.)

Tuesday, October 23

7:00-7:45 am

TH201 | Acute Care Surgery: Changing the Landscape of Surgical Practice

LOCATION: 151AB

TRACK(S): GEN, RES-MED, TRA

MODERATOR: S. Rob Todd, MD, FACS, FCCM, *Houston, TX*

CO-MODERATOR: Christine S. Cocanour, MD, FACS, *Sacramento, CA*

Acute care surgery is an expanding field in surgery. There is a positive attitude toward acute care surgery with significant impact in hospitals with such programs. Acute care surgery will become a popular choice for medical students and residents, and may lead medical students to pursue surgery as a career. The 2016 American College of Surgeons Board of Governors Survey recognized gaps in the implementation of acute care surgery programs. Better standards and best practices will permit the development of quality programs on a national level. This session will provide an enhanced understanding of the specialty of acute care surgery and discuss the process involved in developing a successful acute care surgery program.

Sponsored by the Board of Governors Survey Workgroup, Resident and Associate Society and the Young Fellows Association

TH203 | Rural Surgeons Do Great Work, but How Do We Prove It?

LOCATION: 257AB

TRACK(S): RUS, EDU

MODERATOR: Michael D. Sarap, MD, FACS, *Cambridge, OH*

CO-MODERATOR: Matthew B. Rossi, MD, FACS, *Hopedale, IL*

This Town Hall will discuss low volume and quality, and how to address the problem. It will discuss quality measures for a rural hospital: (1) benchmarks; (2) what to do and how to do it; (3) how to develop colonoscopy quality benchmarking; and (4) lessons learned from implementation of quality metrics in a rural hospital.

Sponsored by the Advisory Council for Rural Surgery

TH204 | Informed Consent and Disclosure

LOCATION: 157A

TRACK(S): ETH, GEN

MODERATOR: Eric A. Singer, MD, FACS, *New Brunswick, NJ*

CO-MODERATOR: Richard I. Whyte, MD, FACS, *Boston, MA*

Informed consent and disclosure are two fundamental aspects of surgical care and are designed to strengthen the surgeon-patient relationship. Although consent and disclosure are important, their proper use can also be challenging. This session will discuss the challenges of consent and disclosure in various settings and offer strategies and solutions for determining when and how to best obtain consent and disclose information to patients. Discussion topics include: surgical errors, surgeon experience, concurrent surgery, resident participation/supervision in the operating room, and availability of technology in competing health care systems. Audience members will discuss the strengths and limitations of informed consent and disclosure in contemporary surgical practice as well as strategies for addressing difficult cases.

Sponsored by the Committee on Ethics

TH205 | Crossing Over to the Dark Side: Investigating Surgeon Roles in Hospital and Corporate Leadership

LOCATION: 157BC

TRACK(S): GEN

MODERATOR: Ara Jordan-Feinstein, MD, MPH, FACS, Phoenix, AZ

CO-MODERATOR: Margaret Clarke Tracci, MD, JD, FACS, Charlottesville, VA

With rapid changes in the health care landscape, surgeons are increasingly involved in decisions at a hospital and system level. These roles often go beyond the typical academic or surgical hierarchy. Without surgeons in these positions, policies may be established that adversely affect surgeons' practice. The demands of these positions, however, often necessitate time away from clinical responsibilities or simply add to them. This session is designed to answer young surgeons' questions about these hospital and corporate positions, particularly what roles are available to surgeons, their benefits, how to prepare for them, and issues related to balancing surgical practice and corporate positions.

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH206 | The Art of Negotiation: Strategy for Success

LOCATION: 109AB

TRACK(S): GEN

MODERATOR: Samir M. Fakhry, MD, FACS, Charleston, SC

CO-MODERATOR: Joseph V. Sakran, MD, MPH, MPA, FACS, Baltimore, MD

This session will provide insight when it comes to basic negotiating principles for those doctors heading out into the "real" world. During training, we learn how to become competent surgeons yet we often lack the soft-skills that can also be critical to success. Our hope is that this session offers an idea of what to look for and how best to approach these formal discussions.

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH207 | Addressing Intimate Partner Violence for the Surgical Community

LOCATION: 161

TRACK(S): GEN

MODERATOR: Barbara Lee Bass, MD, FACS, FRCS(Hon), Houston, TX

CO-MODERATOR: Carrie A. Sims, MD, PhD, FACS, Philadelphia, PA

Intimate partner violence has become a public health crisis and awareness has peaked in the surgical community due to recent violence against surgeons, and similar acts that have been inflicted on loved ones and colleagues. Although this is a problem that affects all socioeconomic groups and takes many forms, the purpose of this Town Hall session is to discuss the College's role and responsibility in creating resources for the surgeon community. These resources would be designed to increase awareness for at-risk individuals, develop peer-to-peer interventions,

create an educational campaign that de-stigmatizes the issue, and contribute to developing a curriculum to educate medical students, residents, and practicing surgeons.

Sponsored by the Women in Surgery Committee

Wednesday, October 24**7:00-7:45 am****TH301 | Doctors in Distress: Understanding and Addressing the Crisis of Burnout in Surgery**

LOCATION: 161

TRACK(S): EDU, URO

MODERATOR: Raj S. Pruthi, MD, FACS, Chapel Hill, NC

CO-MODERATOR: Spence McLean Taylor, MD, FACS, Greenville, SC

Burnout in medicine is an international, complex, and systemic issue, and is a condition that has an impact on patients as well as physicians. In the general population, the incidence of occupational burnout is 28 percent. In physicians it is almost two-fold higher at 54 percent with what seems to be a rising trend. This session provides a description and discussion of surgeon burnout and describes the potential underlying causes and consequences of the condition for physicians, patients, and health care systems. Furthermore, the topic will address potential solutions to this emerging crisis, which include solutions from a national/governmental level, health care system and operational level, and a personal physician standpoint.

Sponsored by the Advisory Council for Urology and the Committee on Continuous Professional Development

TH302 | Keeping Your Practice Whole with a Locum Tenens Surgeon: Key Factors and Considerations

LOCATION: 255

TRACK(S): GEN, RUS

MODERATOR: Rondi B. Gelbard, MD, FACS, Atlanta, GA

CO-MODERATOR: Kathryn A. Hughes, MD, FACS, Falmouth, MA

The use of locum tenens physicians is growing each year as health care facilities struggle to maintain or enhance their medical staff. According to the ACS Health Policy Research Institute, between 2006 and 2011, 155 rural counties and 38 urban counties experienced a drop in general surgery coverage while another 898 counties did not have a general surgeon. Experts predict a crisis in the surgical workforce caused by uneven distribution of surgeons. Locum tenens may offer a solution for many of these challenges. The purpose of this Town Hall is to discuss some of the advantages and disadvantages of locum tenens and address some of the unanswered questions about lifestyle, expectations, selection criteria and training from the perspective of the locums tenes physicians, recruiting agencies, and clients.

Sponsored by the Young Fellows Association and the Advisory Council for Rural Surgery

TH303 | How to Combine Global Surgery and a Busy Clinical Practice as a Young Surgeon

LOCATION: 257AB

TRACK(S): GEN, INT

MODERATOR: T. Peter Kingham, MD, *New York, NY*CO-MODERATOR: Akpofure P. Ekeh, MD, MPH, FACS, *Dayton, OH*

In recent studies, up to 90 percent of U.S. surgical resident trainees desire a global experience. The demand for the experience far outweighs the current supply of non-regulated mentorship and leadership roles in global surgery. Since this gap exists, proper mentorship and leadership by qualified, career global surgeons is crucial. It is, therefore, important in a new era of global surgery movement, to understand career global surgery and a path to achieving it while maintaining a career at home. This session will focus on how to start a career in global surgery and maintain a balance locally.

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH305 | Managing Your Online Presence: Your Professional Website and the Influence on Patient Reviews

LOCATION: 157BC

TRACK(S): GEN

MODERATOR: Stephanie Boone, MD, FACS, *Newark, NJ*CO-MODERATOR: Sean J. Langenfeld, MD, FACS, FASCRS, *Omaha, NE*

Patients turn to the Internet frequently to obtain information about their medical care, and specifically, about their physicians. Collaborative educational websites or practice websites can be a valuable tool in recruiting patients, providing information about your scope of practice, what to expect from a visit, and your business model. Websites can also assist in collaborative research endeavors. This Town Hall meeting will explore the issues surrounding the online presence of a physician, considerations for privacy, and how to develop an effective practice or research website. As young surgeons develop their reputation, practice, and business model, it is key in the information age to understand how to navigate the Internet and one's online presence.

Sponsored by the Young Fellows Association and the Advisory Council for General Surgery

TH306 | So You Want to Do Surgical Palliative Care? Training Pathways and Practice Models

LOCATION: 109AB

TRACK(S): GER

MODERATOR: Ana Berlin, MD, MPH, FACS, *Newark, NJ*

As the field of surgical palliative care matures, it will be imperative to define viable options for training and practice in this specialty. In this Town Hall, early adopters of surgical palliative care will discuss their motivations, challenges, and practice structures in an open forum. Topics will include pathways to board certification and alternative educational offerings in hospice and palliative medicine, along with an overview of a variety of practice models, including the incorporation of palliative care principles and skills into a primarily surgical career, development of a distinct and complementary palliative care practice paralleling active surgical work, and a transition from surgery to an exclusively palliative care focus. Participants will appreciate the potential to make meaningful contributions to this growing field through all of these models.

Sponsored by the Committee on Surgical Palliative Care

TH307 | Understanding the Difference Between Leadership and Power

LOCATION: 151AB

TRACK(S): HP, GEN

MODERATOR: Robert D. Winfield, MD, FACS, *Kansas City, KS*CO-MODERATOR: Naveen F. Sangji, MD, *Boston, MA*

Power comes from a position of authority while leadership is an attribute that does not require power. Surgeons are perceived to be born leaders: But are we really? Even people born with leadership qualities need training to hone the leadership skills. The myriad challenges associated with health care structures require surgeons to understand emerging issues and to be able to lead with confidence.

Sponsored by the Young Fellows Association and the Resident and Associate Society

Thursday, October 25

7:00-7:45 am

TH402 | Best Practices in Recruitment and Retention

LOCATION: 258ABC

TRACK(S): RES-MED, BTR, RUS

MODERATOR: Paula M. Termuhlen, MD, FACS, *Duluth, MN*

CO-MODERATOR: Karen J. Brasel, MD, FACS, *Portland, OR*

There are challenges in recruiting and retaining surgeons in two important types of practices: rural surgery and extramurally funded surgeon-scientists. Each has its own challenges and yet, similarities. This Town Hall will address the following topics: (1) a resident or fellow in training and what attracts them to a position such as rural surgery; (2) an assistant professor who is early in their career to address what help they need to be successful in and out of the operating room and laboratory; (3) a leader from a top 10 National Institutes of Health-funded department of surgery that supports surgeon-scientists; and (4) a hospital administrator of a critical access hospital that has consistently recruited and retained surgeons.

Sponsored by the Scientific Forum Committee

TH403 | Postoperative Pain Control: Strategies to Decrease the Need for Narcotics

LOCATION: 259AB

TRACK(S): GEN, EDU

MODERATOR: Philip R. Corvo, MD, MA, FACS, *Waterbury, CT*

CO-MODERATOR: Emily B. Rivet, MD, MBA, FACS, FASCRS, *Richmond, VA*

Currently, there is a lack of formal education in postoperative pain management. Fortunately, some surgical subspecialties are trialing different modalities to control postoperative pain. Additionally, there is a well-known opiate addiction crisis in our country that is resulting in increasing scrutiny of providers to limit their use of opiates for pain control. This session will: (1) provide a background of the current literature and recommendations on postoperative pain management; (2) discuss different approaches to pain management specifically looking at opiate-sparing techniques for postoperative pain control; and (3) discuss implementation of postoperative pain programs at hospitals and the common hurdles that exist for these programs and strategies to overcome such resistance.

Sponsored by the Young Fellows Association and the Committee on Perioperative Care

PANEL SESSIONS

Sunday, October 21

PS001 | 7:00 am-4:30 pm

Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care

LOCATION: 153ABC

TRACK(S): EDU, GEN, TRA

MODERATOR: M. Margaret Knudson, MD, FACS,
San Francisco, CA

CO-MODERATOR: COL Stacy A. Shackelford, MD, FACS,
Houston, TX

During this annual event held the Sunday of the Clinical Congress, active duty military surgeons and retired military personnel as well as medical students and residents in training meet to hear updates from the general surgery advisers to the U.S. Army, Navy, and Air Force. Scientific abstracts are presented as well as an annual named lectureship. This meeting also includes the Region 13 Committee on Trauma (COT) trauma resident competition.

State of the Excelsior Surgical Society

COL Stacy A. Shackelford, MD, FACS, *Houston, TX*

Delivering Quality Surgical Care Panel Session

Romeo C. Ignacio, MD, FACS, *San Diego, CA*

Committee on Trauma Region 13 Trauma Paper Competition

Jeffrey A. Bailey, MD, FACS, *Bethesda, MD*

Army Major John P. Pryor Lecture

Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

Informal Lunch Session: Military Surgical Consultants

Jason M. Hiles, MD, FACS, *El Paso, TX*

I'm Going Where? Setting Yourself Up for Combat Deployment Success

Robert B. Lim, MD, FACS, FASMBS, *Honolulu, HI*

Matthew J. Martin, MD, FACS, *Tacoma, WA*

World War I 100th Anniversary Recognition

Emily Mayhew, PhD, *London, UK*

Award Presentation: Committee on Trauma Paper Competition

Jeffrey A. Bailey, MD, FACS, *Bethesda, MD*

Military Specialty Society Retirement Ceremony

COL Stacy A. Shackelford, MD, FACS, *Houston, TX*

Sponsored by the American College of Surgeons Military Health System Strategic Partnership

PS002 | 1:00-3:00 pm

Resident and Associate Symposium- Physician Extenders in Academic Surgery: Integrated Partner or Parallel Player?

LOCATION: 160ABC

TRACK(S): GEN, RES-MED

MODERATOR: Alisha D. Reiss, MD, *Columbus, OH*

With the advent of the 80-hour workweek and other duty-hour restrictions implemented by the Accreditation Council for Graduate Medical Education, physician extenders have been employed in academic surgery departments as a means to alleviate the work burden of surgical residents. The role of the physician assistant and nurse practitioner on surgical services varies between institutions and has yet to be universally defined. Physician extenders may reduce the amount of non-educational service that residents perform, such as entering orders for patients in the electronic health record. They may also perform patient care duties in the trauma resuscitation bay or operating room (OR) when the residents are unavailable. Some academic departments rely on physician extenders to regularly assist with procedures in the OR to improve throughput and efficiency, and they may also take a leadership role in educating junior residents. The role of the physician extender varies from one institution to another and even within individual institutions. What should be the role of physician extenders in surgical education—integrated partners of the surgical team or parallel players separate from resident activities? During this session, attendees will be exposed to some of the opportunities and challenges involved in each of these leadership pathways, discuss the potential effect on our patients, and provide a roadmap to help surgeons navigate these various roles.

Introduction

Alisha D. Reiss, MD, *Columbus, OH*

Moderator:

Kyla P. Terhune, MD, MBA, FACS, *Nashville, TN*

Parallel Player: Faculty Presentation

Anthony W. Kim, MD, FACS, *Los Angeles, CA*

Parallel Player: Resident Presentation

Reema Mallick, MD, *Minneapolis, MN*

Integrated Partner: Faculty Presentation

Brian K. Yorkgitis, DO, FACS, *Philadelphia, PA*

Integrated Partner: Resident Presentation

Elizabeth Consky, MD, DDS, *Atlanta, GA*

Perspective of the Physician Extender

Rita D'Aoust, PhD, ACNP, ANP BC, FAANP, FNAP, FAAN,
Baltimore, MD

Sponsored by the Resident and Associate Society

Monday, October 22

PS101 | 9:45-11:15 am

Diverticulitis 2018: Every Year the Recommendations Change



LOCATION: Exhibit Hall B2

TRACK(S): CRS, GEN, TRA

MODERATOR: Paul E. Wise, MD, FACS, FASCRS, *St. Louis, MO*

CO-MODERATOR: Jason F. Hall, MD, MPH, FACS, FASCRS, *Boston, MA*

It would seem to most surgeons that such an old and common disease as diverticulitis would have little controversy in management in 2018 but the management of acute and chronic diverticulitis changes steadily. This session will cover when and how to intervene in acute diverticulitis; when to plan elective resections which are more controversial than ever and will be discussed, including in the complex patient; and the controversy of lavage for complicated diverticulitis will be included, as well as means to “minimize the misery” of colostomy closures after Hartmann’s procedure for diverticulitis.

Operative Management of Uncomplicated Diverticulitis (How Many Strikes and It’s Out?)

Valentine N. Nfonso, MD, FACS, *Tucson, AZ*

Complicated Diverticular Disease Management in the Complicated Patient

Alexander T. Hawkins, MD, MPH, *Boston, MA*

Laparoscopic Lavage for Complicated Diverticulitis

Amy L. Lightner, MD, *Rochester, MN*

Resection after Diverticular Abscess Management (Is it Mandatory?)

Michelle Cowan, MD, *Aurora, CO*

Colostomy Closure after Hartmann’s for Diverticulitis (Minimizing the Misery)

Karim Alavi, MD, MPH, FACS, FASCRS, *Worcester, MA*

Panel Discussion

Paul E. Wise, MD, FACS, FASCRS, *St. Louis, MO*

Sponsored by the Advisory Council for General Surgery, the Advisory Council for Colon and Rectal Surgery, and the Committee on Trauma

PS102 | 9:45-11:15 am

The Dilemma of Incidentally Discovered Pancreatic Lesions



LOCATION: 258ABC

TRACK(S): GEN, ONC

MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*

CO-MODERATOR: Peter J. Allen, MD, FACS, *New York, NY*

The widespread use of cross-sectional imaging (ultrasound (US), computed tomography (CT), and magnetic resonance imaging (MRI)) has led to an explosion in the discovery of asymptomatic pancreatic lesions over the past two decades the pancreatic incidentaloma. This panel will focus on the evaluation of incidentally discovered pancreatic lesions cystic (mucinous and serous lesions, intraductal

pancreatic mucinous neoplasms true cysts, and pseudo-cysts) and solid lesions (pancreatic neuroendocrine tumors). Selection criteria for observation, interventional evaluation, and surgical management will be discussed.

Introduction and Overview

Peter J. Allen, MD, FACS, *New York, NY*

A Primer to Understanding Pancreatic Lesions on CT and MRI

Aarti Sekhar, MD, *Atlanta, GA*

Risk Assessment: Who and How

Maria C. Russell, MD, FACS, *Atlanta, GA*

Making Sense of Intraductal Papillary Mucinous Neoplasms (IPMN)

Syed A. Ahmad, MD, FACS, *Cincinnati, OH*

Small Pancreatic Neuroendocrine Tumors: To Cut or Not to Cut

Ajay V. Maker, MD, FACS, *Chicago, IL*

Case Presentations: Pancreatic Incidentalomas

David A. Kooby, MD, FACS, *Atlanta, GA*

Sponsored by the Advisory Council for General Surgery and the Commission on Cancer

PS103 | 9:45-11:15 am

Management of the Outpatient Burn Wound



LOCATION: Ballroom West

TRACK(S): GEN, PED, PLA, RUS, TRA

MODERATOR: Sarvesh Logsetty, MD, FACS, FRCS, *Winnipeg, MB*

CO-MODERATOR: Kevin N. Foster, MD, FACS, *Cave Creek, AZ*

Community general and plastic surgeons remain involved in the treatment of minor-to-moderate-sized partial thickness burns that do not require resuscitation but may require operative procedures. The availability of new materials has made the outpatient management of burn wounds practicable and desirable. This session will review which patients are candidates for outpatient management, use of new dressings for outpatient management, outpatient pain management, and identification of complications of outpatient management. It will also discuss the increasing role of telemedicine in selection of patients appropriate for outpatient management.

Transfer and Triage Guidelines

Gary A. Vercruysse, MD, FACS, *Tucson, AZ*

Management of a Complex Wound as an Outpatient: What Resources Are Needed?

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

The Role for Telemedicine

Samuel P. Mandell, MD, FACS, *Seattle, WA*

Special Considerations for Pediatric Burns

Tina L. Palmieri, MD, FACS, FCCM, *Sacramento, CA*

Ambulatory Surgery

Sarvesh Logsetty, MD, FACS, FRCS, *Winnipeg, MB*

Sponsored by the Advisory Council for Plastic and Maxillo-facial Surgery and the Committee on Trauma

PS104 | 9:45-11:15 am**Perioperative Management of Anticoagulants**

LOCATION: 153ABC

TRACK(S): GEN, NEU, TRA, VAS

MODERATOR: Therese M. Duane, MD, MBA, CPE, FACS, FCCM, Fort Worth, TX

CO-MODERATOR: Leslie M. Kobayashi, MD, FACS, San Diego, CA

The purpose of this session is to educate the audience on the multiple facets of anticoagulants in the perioperative period. The presentation will be based on the guidelines on the topic that are currently being developed by the Best Practice Workgroup for the College. Components of the session will include an overview of the types of anticoagulants along with their reversal agents. In addition, the session will include stratification of risk based on the type of procedure and the indication for the anticoagulation. Moreover, it will incorporate how to bridge therapy around the time of operation. Finally, it will include the special consideration of the non-elective case.

Thromboembolic Risk If Anticoagulation Stopped for Elective Surgery

Melissa A. Hornor, MD, MS, Columbus, OH

Procedural Risks of Bleeding and When/How to Bridge

Paul S. Brown, MD, FACS, Lititz, PA

Perioperative Management Strategies for Elective Surgery

Eric H. Jensen, MD, FACS, Minneapolis, MN

Management for Non-Elective Settings

Anne P. Ehlers, MD, MPH, Seattle, WA

Sponsored by the Board of Governors Best Practices Group and the Committee on Trauma

PS105 | 9:45-11:15 am**A Multidisciplinary Approach to Gender Confirmation Surgery**

LOCATION: 109AB

TRACK(S): PED, OTO, PLA, URO

MODERATOR: Loren S. Schechter, MD, FACS, Morton Grove, IL

CO-MODERATOR: Bradley D. Figler, MD, FACS, Chapel Hill, NC

Gender reassignment is a growing area of surgical practice requiring input from multiple disciplines. This proposal will address the needs of patients seeking gender reassignment, focusing on surgical principles and techniques. The panel will address surgical principles for facial, thoracic, and perineal reconstruction in patients undergoing gender reassignment.

Gender Identity and the Standards of Care

Randi Ettner, PhD, Evanston, IL

Top Surgery: Chest Surgery and Breast Augmentation

Cori A. Agarwal, MD, FACS, Salt Lake City, UT

Multidisciplinary Approach to Vaginoplasty: Urology Perspective

Daniel D. Dugi, MD, FACS, Portland, OR

Multidisciplinary Approach to Vaginoplasty: Plastic Surgery Perspective

William M. Kuzon, MD, PhD, FACS, Ann Arbor, MI

Techniques for Urethral Lengthening in Phalloplasty and Metoidioplasty

Ervin Kocjancic, MD, Chicago, IL

Phalloplasty: Flap Options

Jens U. Berli, MD, Portland, OR

Sponsored by the Advisory Council for Gynecology and Obstetrics, the Advisory Council for Urology, and the Advisory Council for Plastic and Maxillofacial Surgery

PS106 | 9:45-11:15 am**Implementing an ACS Strong for Surgery Program**

LOCATION: 151AB

TRACK(S): GEN

MODERATOR: Thomas K. Varghese, Jr., MD, MS, FACS, Salt Lake City, UT

CO-MODERATOR: David R. Flum, MD, MPH, FACS, Seattle, WA

A patient's risk of negative outcomes is often predetermined based on their risk characteristics, but also potentially modifiable in the days and weeks leading up to an operation.

While much of the focus of quality initiatives is on in-hospital care, surgeons also have an opportunity to reduce complications by a standardized approach to patient optimization before hospitalization. The evidence related to preoperative optimization related to cigarette cessation, nutrition, medication management, and glucose homeostasis will be reviewed and attendees given step by step approaches to implementing effective office-based risk-reducing strategies. The session will introduce the American College of Surgeons (ACS) supported "Strong for Surgery" initiative, a program that brings preoperative checklists to physicians' offices to improve clinical outcomes and keep surgeons ahead of the quality initiative curve.

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for a complete agenda.

Sponsored by the Surgical Research Committee

PS107 | 9:45-11:15 am**Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2018 Volunteerism and Humanitarian Award Recipients**

LOCATION: 257AB

TRACK(S): HUM

MODERATOR: Helen A. Pass, MD, FACS, Stamford, CT

CO-MODERATOR: Mark A. Dobbertien, DO, FACS, Orange Park, FL

This plenary session showcases the 2018 Volunteerism and Humanitarian Award recipients who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. As innovators and leaders in surgical outreach, the honorees' stories will create a robust portrayal of this complex work. Together,

70 | Panel Sessions

they will form the basis for a lively question-and-answer segment at the conclusion of the session.

Welcoming Remarks

Girma Tefera, MD, FACS, *Madison, WI*

Thanks on Behalf of Pillar/Board of Governors

Terry Buchmiller, MD, FACS, *Boston, MA*

Overview of Awards

Helen A. Pass, MD, FACS, *Stamford, CT*

Introduction of the Domestic Awardee

Mark A. Dobbertien, DO, FACS, *Orange Park, FL*

Domestic Awardee Presentation

Barbara A. Barlow, MD, FACS, *New York, NY*

Introduction of International Awardee I

Helen A. Pass, MD, FACS, *Stamford, CT*

International Awardee Presentation I

Michael R. Curci, MD, FACS, *Cumberland, ME*

Introduction of International Awardee II

Mark A. Dobbertien, DO, FACS, *Orange Park, FL*

International Awardee Presentation II

Bruce C. Steffes, MD, FACS, FWACS, FCS(ECSA), *Linden, NC*

Introduction of Humanitarian Awardee I

Helen A. Pass, MD, FACS, *Stamford, CT*

Humanitarian Awardee Presentation I

Nandakumar C. Menon, MB, BS, FACS, *Gudalur, India*

Introduction of Humanitarian Awardee II

Mark A. Dobbertien, DO, FACS, *Orange Park, FL*

Humanitarian Awardee Presentation II

Roland R. Stephens, MD, FACS, *Berrien Springs, MI*

Sponsored by the Board of Governors Surgical Volunteerism and Humanitarian Awards Workgroup and Operation Giving Back

PS108 | 11:30 am-1:00 pm

Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?

LOCATION: Ballroom East

TRACK(S): EDU, GEN, TRA

MODERATOR: Michael S. Bouton, MD, FACS, *Fargo, ND*

Emergency airway management is critical in the field, emergency room, operating room, intensive care unit, and hospital wards. Has improved patient management and techniques such as Bi-PAP (Bilevel Positive Airway Pressure), CPAP (Continuous Positive Airway Pressure), LMA (Laryngeal Mask Airway), videoscopic laryngoscopy, bronchoscopes, and percutaneous tracheostomy made cricothyroidotomy and open emergency tracheostomy obsolete? Familiarity with all the modalities of airway management is paramount to good outcomes.

Emergency Tracheostomies, History, Techniques, and Complications

Gerald R. Fortuna, MD, FACS, *St. Louis, MO*

Evaluation and Determination of the Need for an Emergency Airway and Alternatives to Tracheostomies

Bradley D. Freeman, MD, FACS, *St. Louis, MO*



No: Emergency Tracheostomies are Still an Integral Part of Trauma and Critical Care

Stephanie A. Savage, MD, MS, FACS, *Indianapolis, IN*

Yes: Emergency Tracheostomies are Obsolete—Other Techniques are Superior

Aaron M. Strumwasser, MD, MSc, *Los Angeles, CA*

Sponsored by the Advisory Council for Cardiothoracic Surgery, the Committee on Perioperative Care, and the Advisory Council for Otolaryngology-Head and Neck Surgery

PS109 | 11:30 am-1:00 pm

Multidisciplinary Approach to Rectal Cancer



LOCATION: 109AB

TRACK(S): CRS, GEN, ONC

MODERATOR: David W. Dietz, MD, FACS, *Cleveland, OH*

CO-MODERATOR: George J. Chang, MD, MS, FACS, FASCRS, *Houston, TX*

Optimal results are obtained when rectal cancer is managed with a multidisciplinary approach.

A Practical Guide to Magnetic Resonance Imaging (MRI)

Evaluation for Newly Diagnosed Rectal Cancer

Brian K. Bednarski, MD, FACS, *Houston, TX*

Evidence-Based Approach to Neoadjuvant and Adjuvant Treatment

Martin R. Weiser, MD, FACS, *New York, NY*

The Central Role of Surgery in Multidisciplinary Treatment of Rectal Cancer

Jonathan E. Efron, MD, FACS, *Baltimore, MD*

Does Evidence Support Multidisciplinary Team-Based Care for Rectal Cancer?

Erin D. Kennedy, MD, PhD, *Toronto, ON*

Case Presentations:

David W. Larson, MD, MBA, FACS, FASCRS, *Rochester, MN*

Liliana G. Bordeianou, MD, MPH, FACS, FASCRS, *Boston, MA*

Karyn B. Stitzenberg, MD, MPH, FACS, *Chapel Hill, NC*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS110 | 11:30 am-1:00 pm

Parasitic Diseases of the Gastrointestinal (GI) Tract: Surgical Management



LOCATION: 151AB

TRACK(S): GEN, INT

MODERATOR: Georgios Tsoulfas, MD, FACS, *Thessaloniki, Greece*

CO-MODERATOR: George C. Velmahos, MD, PhD, FACS, *Boston, MA*

Hydatid liver disease, despite its limited numbers in the U.S., is quite prevalent worldwide and especially in the Mediterranean basin. The goals of this session are to describe the current extent of hydatid disease; describe changes in its management including (but not limited to) the various surgical techniques having to do with more extensive or more limited techniques and also the use of minimally invasive surgery; and describe the most frequent

complications and tips to avoid them. The members of the panel will represent areas/countries with significant experience on this topic.

What a Surgeon Needs to Know About the Diagnosis and Medical Treatment of Hydatid Disease

Edward T. Ryan, MD, *Boston, MA*

Management of Hepatic Echinococcal Disease and Its Complications

Ender Dulundu, MD, FACS, *Istanbul, Turkey*

Management of Thoracic Hydatid Disease and Its Complications

Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon), *Buenos Aires, Argentina*

Management of Extra Hepatic Abdominal Echinococcal Disease and Its Complications

Walid G. Faraj, MD, FRCS, FACS, *Beirut, Lebanon*

The Role of the World Health Organization (WHO) in the Global Management of Hydatid Disease: Lessons Learnt in the Field

Enrico Brunetti, MD, PhD, *Pavia, Italy*

Sponsored by the International Relations Committee and the Advisory Council for General Surgery

PS111 | 11:30 am-1:00 pm

The Difficult Gallbladder: Staying Out of Trouble



LOCATION: Exhibit Hall B2

TRACK(S): GEN, RUS, TRA

MODERATOR: David C. Borgstrom, MD, MBA, FACS, *Morgantown, WV*

CO-MODERATOR: Abe L. Fingerhut, MD, FACS, *Graz, Austria*

All surgeons doing cholecystectomy frequently encounter the patient with a terribly inflamed, thickened gallbladder where delineation of the normal anatomical structures is difficult or even impossible. How do we manage these cases safely?

The Difficult Gall Bladder: Setting the Stage and General Principles

David C. Borgstrom, MD, MBA, FACS, *Morgantown, WV*

2018 Tokyo Guidelines for the Diagnosis and Management of Acute Cholecystitis: Pros and Cons

Abe L. Fingerhut, MD, FACS, *Graz, Austria*

What is the Difficult Gallbladder?

Andrew B. Peitzman, MD, FACS, *Pittsburgh, PA*

What to Do When the Critical View of Safety Cannot Be Reached?

Randall S. Zuckerman, MD, FACS, *Kalispell, MT*

What is the Role of Percutaneous Cholecystostomy Drainage?

L. Michael Brunt, MD, FACS, *St Louis, MO*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Rural Surgery

PS112 | 11:30 am-1:00 pm

Personalized Breast Cancer Treatment and Tumor Genomics



LOCATION: Ballroom West

TRACK(S): GEN, ONC

MODERATOR: Susan K. Boolbol, MD, FACS, *New York, NY*

CO-MODERATOR: Lee G. Wilke, MD, FACS, *Madison, WI*

There is a wide array of treatment options for breast cancer but not all women benefit from each one. Genomic testing of specific tumor types has become of great interest in the evaluation of breast cancer. Assessment of the particular genetic alterations present in an individual's tumor may provide information in regards to diagnosis, prognosis, and targeted treatment beyond the standard clinicopathological factors. Many gene-based assays are available, and they differ in regards to the intended patient populations, sample requirements, genes evaluated, results, and validation. This panel will discuss the different types of multi-gene signature tests that are available, clinical utility, and appropriate patient selection.

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for a complete agenda.

Sponsored by the Commission on Cancer and the Advisory Council for General Surgery

PS113 | 11:30 am-1:00 pm

Iatrogenic Nerve Injuries: Techniques of Avoidance and Management



LOCATION: 255

TRACK(S): NEU, ORT, OTO, PLA, VAS

MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Cincinnati, OH*

CO-MODERATOR: L. Scott Levin, MD, FACS, *Philadelphia, PA*

Injury to cranial and peripheral nerves can occur during surgery to the head, neck, and spine. Avoiding and also managing these complications is important to improving patient care. This session will focus on discussing the general characteristics of nerve injury during neurosurgical procedures. Specific management algorithms will then be discussed with regards to managing iatrogenic injuries during cervical spine surgery, carotid surgery, and skull base surgery.

Iatrogenic Nerve Injuries by the Numbers

Charles J. Prestigiacomo, MD, FACS, *Cincinnati, OH*

What Do You Tell the Patient and Families?

L. Scott Levin, MD, FACS, *Philadelphia, PA*

Iatrogenic Nerve Injuries during Surgery of the Neck

Iatrogenic Nerve Injuries of the Upper Extremity

Jonathan Isaacs, MD, *Richmond, VA*

Iatrogenic Nerve Injuries in Abdominopelvic Surgery

Milan Stevanovic, MD, *Los Angeles, CA*

The Future of Nerve Injury Repair

Gregory A. Dumanian, MD, FACS, *Chicago, IL*

Sponsored by the Advisory Council for Neurological Surgery, the Advisory Council for Orthopaedic Surgery, and the Advisory Council for Plastic and Maxillofacial Surgery

PS114 | 11:30 am-1:00 pm**Global Engagement**

LOCATION: 257AB

TRACK(S): HUM, INT

MODERATOR: Girma Tefera, MD, FACS, *Madison, WI*

This Panel Session will report and discuss the strategic direction of the American College of Surgeons in global and domestic volunteerism. The program will have two distinct segments: (1) domestic volunteerism (30 minutes) and (2) global engagement (45 minutes). During the domestic volunteerism segment, domestic volunteerism awardees will discuss best practices in providing volunteerism. During the global engagement segment, there will be an in depth discussion of the partnerships developed by ACS Operation Giving Back and colleges from low- and middle-income countries. The final segment will be an open mic session for Fellows to discuss the extraordinary volunteerism work they do around the globe.

Session I: Domestic Engagement: Operation Giving Back: Health Career Academy

Introduction

Scott A. Leckman, MD, FACS, *Salt Lake City, UT*

Health Career Academy Presentation

Barry D. Mann, MD, FACS, *Wynnewood, PA*Liana Geffer, MD, MPH, *Stanford, CA***Session II: Global Engagement: Operation Giving Back: ACS College of Surgeons of East, Central, and Southern Africa (COSECSA) Surgical Training Hub**

ACS COSECSA Training Hub: Concept Idea for ACS Global Health Program

Joseph V. Sakran, MD, MPH, MPA, FACS, *Baltimore, MD*

Implementation of Training Hub Concept

Girma Tefera, MD, FACS, *Madison, WI***Session III: Open Mic**

Sponsored by Operation Giving Back and the International Relations Committee

**PS116** | 2:30-4:00 pm**Can't Ventilate? Can't Oxygenate? Now What?**

LOCATION: Ballroom West

TRACK(S): TRA

MODERATOR: Bryce R. H. Robinson, MD, FACS, *Seattle, WA*CO-MODERATOR: Pauline K. Park, MD, FACS, *Ann Arbor, MI*

A wide range of devices are available to assist the surgical patient with oxygenation and ventilation. High-flow nasal cannula and noninvasive ventilation, standard mechanical ventilatory support, and advanced modalities of vent management and extracorporeal support will be discussed by experts in the field with emphasis on indications and contraindications for each therapy.

Introduction

Bryce R. H. Robinson, MD, FACS, *Seattle, WA*

Acute Trauma

Christine S. Cocanour, MD, FACS, *Sacramento, CA*

Aspiration

Joseph B. Zwischenberger, MD, FACS, *Lexington, KY*

Abdominal Compartment Syndrome

Lewis J. Kaplan, MD, FACS, FCCM, FCCP, *Philadelphia, PA*

Pulmonary Embolism

Matthew D. Bacchetta, MD, FACS, *Nashville, TN*

Close

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS117 | 2:30-4:00 pm**Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers**

LOCATION: 153ABC

TRACK(S): GEN, ONC, PED

MODERATOR: Harvey I. Pass, MD, FACS, *New York, NY*CO-MODERATOR: Tari A. King, MD, FACS, *Boston, MA*

Advances in genomics have led to practice-changing activity for surgeons and their patients, and impressive results in the treatment of cancers that previously had dismal prognoses. A fundamental understanding of the science is useful for practicing surgeons. This knowledge equips a physician to explain the utility of the testing and the implications for treatment. The session will begin with an overview of genomics, molecular pathology, whole genome and whole exome sequencing, ctDNA (circulating tumor DNA) analysis, and other gene-based assays.

Experts will then discuss the implications of this technology for evaluating and treating patients with breast, lung, melanoma, gastrointestinal, and pediatric cancer.

Genomics for Surgeons: An Overview of Relevant Molecular Biology Platforms

Genevieve M. Boland, MD, PhD, FACS, *Boston, MA*

How Are Genomics Relevant to the Practicing Breast Cancer Surgeon?

Lee G. Wilke, MD, FACS, *Madison, WI*

How Are Genomics Relevant to the Practicing Lung Cancer Surgeon?

Jay M. Lee, MD, FACS, *Los Angeles, CA*

How Are Genomics Relevant to the Practicing Gastrointestinal Surgeon?

Steven K. Libutti, MD, FACS, *Bronx, NY*

How Are Genomics Relevant to the Practicing Melanoma Surgeon?

John R. Hyngstrom, MD, FACS, *Salt Lake City, UT*

How Are Genomics Relevant to the Practicing Pediatric Surgeon?

Andrew M. Davidoff, MD, FACS, *Memphis, TN*

Sponsored by the Program Committee and the Commission on Cancer

PS118 | 2:30-4:00 pm

Contemporary Management of the Diabetic Foot



LOCATION: 259AB

TRACK(S): GEN, ORT, RUS, VAS

MODERATOR: Keith L. Wapner, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: Richard F. Neville, MD, FACS, *Falls Church, VA*

The goals of this session are to present the principles of evaluation, treatment planning, and surgical management of the diabetic charcot and dysvascular foot and ankle with the goal of limb salvage. This session is designed to convey the principles of surgical management of Charcot deformity, re-vascularization, and management of infection directed at the goal of limb salvage. This session will also cover the principles of amputation in the setting of the unsalvageable limb.

Complex Limb Salvage for the Diabetic Charcot Foot

Keith L. Wapner, MD, FACS, *Philadelphia, PA*

Microvascular Reconstruction of the Diabetic Foot

L. Scott Levin, MD, FACS, *Philadelphia, PA*

Update on Revascularization of the Diabetic Limb: Endovascular and Open Options

Tareq M. Massimi, MD, FACS, *Washington, DC*

Revascularization Techniques for the Diabetic Foot

Richard F. Neville, MD, FACS, *Falls Church, VA*

Sponsored by the Advisory Council for Orthopaedic Surgery and the Advisory Council for Vascular Surgery

PS119 | 2:30-4:00 pm

Inguinal Hernia Repair: Open, Laparoscopic, or Robotic?



LOCATION: 109AB

TRACK(S): GEN, RUS

MODERATOR: Bryan K. Richmond, MD, MBA, FACS, *Charleston, WV*

CO-MODERATOR: Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Inguinal hernia repair is one of the most common surgical procedures done in the U.S. Fervent debate continues about the role of open versus laparoscopic versus robotic repair, and this panel will present evidence for and against the various techniques.

Introduction: The Ongoing Debate: What Are the Key Considerations?

Bryan K. Richmond, MD, MBA, FACS, *Charleston, WV*

What about Recurrence Rates?

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

What about Cost?

John S. Roth, MD, FACS, *Lexington, KY*

What about the Learning Curve?

William W. Hope, MD, FACS, *Wilmington, NC*

What about Postoperative Pain: Acute and Chronic?

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

Are There Certain Clinical Circumstances That Clearly Favor One Approach Over Another?

Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Sponsored by the Advisory Council for General Surgery

PS120 | 2:30-4:00 pm

Stoma Creation in the Challenging Patient



LOCATION: Exhibit Hall B2

TRACK(S): CRS, GEN, URO

MODERATOR: Bruce A. Orkin, MD, FACS, *Chicago, IL*

CO-MODERATOR: Dana R. Sands, MD, FACS, FASCRS, *Weston, FL*

Creation of a stoma in the patient who is morbidly obese, has carcinomatous, ascites, or dilated bowel can be challenging. This panel will discuss novel operative techniques.

Introductions

Bruce A. Orkin, MD, FACS, *Chicago, IL*

Creating the Perfect Stoma in an Imperfect World

Marc A. Singer, MD, FACS, *Maywood, IL*

Righting the Wrongs: Fixing the Imperfect Stoma

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Tricks to Get Out of Trouble

Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Panel Discussion: Worst Case Scenarios

Dana R. Sands, MD, FACS, FASCRS, *Weston, FL*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS121 | 2:30-4:00 pm**The Incidental Renal Mass: Observation, Ablation, or Surgery**

LOCATION: 151AB

TRACK(S): URO

MODERATOR: Alexander Kutikov, MD, FACS, *Philadelphia, PA*CO-MODERATOR: Hung-Jui Tan, MD, *Durham, NC*

Greater use of imaging has led to a corresponding rise in the detection of renal incidentalomas and left many urologists and non-urologists alike unsure of what to do about the masses they have found. One-third of individuals age fifty and older will have at least one renal cyst on computed tomography (CT). Most incidental renal masses are benign cysts requiring no further evaluation. Other possibilities include indeterminate cysts or solid masses, which may be malignant or benign. The Panel Session will review the evaluation and workup of incidental renal masses as well as surveillance recommendations, and management strategies including observation, ablation, and surgery. The target audience will include all those who perform cross sectional abdominal imaging on patients for other benign or malignant conditions or evaluations.

Introduction to the Incidental Renal Mass

Alexander Kutikov, MD, FACS, *Philadelphia, PA*

Epidemiology and Natural History of Small Incidental Renal Masses

Hung-Jui Tan, MD, *Durham, NC*

The Role of Active Surveillance and Biopsy in the Management of Small Incidental Renal Masses

Marc Smaldone, MD, FACS, *Rockledge, PA*

Surgical Considerations for the Non-Urologic Surgeons

Viraj Master, MD, FACS, *Atlanta, GA*

Management Approaches and Cost for Incidental Renal Masses

Steven L. Chang, MD, FACS, *Boston, MA**Sponsored by the Advisory Council for Urology***PS122** | 2:30-4:00 pm**Leadership and Career Development for the Young Surgeon**

LOCATION: 255

TRACK(S): EDU, GEN, RES-MED

MODERATOR: Paula Ferrada, MD, FACS, *Richmond, VA*CO-MODERATOR: Afif N. Kulaylat, MD, MSc, *Hershey, PA*

The rewards of a surgical career are many. Some are tangible such as the privilege of taking care of patients, performing surgical procedures, teaching patients and trainees, and striving for clinical excellence. Other rewards are humbling, such as the never-ending learning and improvement that one must maintain to be proficient. Further rewards can only be described as spiritual, such as the ability to initiate change in patients' lives and indeed saving lives. This panel will welcome Initiates to an amazing career, review the importance of belonging to an organization, maintaining lifetime learning, and achieving work-life balance. It will also emphasize opportunities to get



involved within the American College of Surgeons locally and nationally. This is the RAS/YFA yearly Initiates session.

Introduction

Afif N. Kulaylat, MD, MSc, *Hershey, PA*

How to Fail in Academic Surgery: A Cradle to Grave Guide to Professional Misery

Michael F. Rotondo, MD, FACS, *Rochester, NY*

Questions

Afif N. Kulaylat, MD, MSc, *Hershey, PA*

Promotion and Tenure: Strategies to Get What You Deserve

Paula Ferrada, MD, FACS, *Richmond, VA*

Questions

Afif N. Kulaylat, MD, MSc, *Hershey, PA*

How to Reach and Maintain Leadership Status at the American College of Surgeons

Patricia L. Turner, MD, FACS, *Chicago, IL*

Questions

Afif N. Kulaylat, MD, MSc, *Hershey, PA**Sponsored by the Young Fellows Association and the Resident and Associate Society***PS123** | 2:30-4:00 pm**Taking Enhanced Recovery to the Next Level: The Improving Surgical Care and Recovery Program**

LOCATION: 161

TRACK(S): CRS, EDU

MODERATOR: Elizabeth C. Wick, MD, FACS, *San Francisco, CA*CO-MODERATOR: Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

The Agency for Healthcare Research and Quality (AHRQ) Safety Program for Improving Surgical Care and Recovery (ISCR), a collaborative program between the American College of Surgeons (ACS) and Johns Hopkins Medicine Armstrong Institute for Patient Safety and Quality, is a new initiative that seeks to meaningfully improve clinical outcomes by supporting hospitals in the implementation of evidence-based enhanced recovery pathways applied within the framework of the Comprehensive Unit-based Safety Program (CUSP). Enhanced recovery is a clinical pathway and approach to surgical care that promotes the delivery of evidence-based perioperative care and reduces variability. The purpose of this session is to provide an overview of the program, review experience with colorectal surgery, and highlight future opportunities for participation.

Improving Surgical Care and Recovery: A National Collaborative to Enhance the Recovery of Surgical Patients

Elizabeth C. Wick, MD, FACS, *San Francisco, CA*

Enhanced Recovery after Surgery (ERAS) for Colorectal Surgery: Myth Busters

Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*

ERAS for Bariatrics: An Effective Strategy for Reducing Opioid Use

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

ERAS for Gynecology: Working Across the Spectrum of Procedures
Sean C. Dowdy, MD, FACS, *Rochester, MN*

Partnering with Anesthesiology: Preparing Patients for Surgery
Angela Bader, MD, MPH, *Boston, MA*

Making Quality Improvement Work: The Executive Sponsors Role
Scott J. Ellner, DO, MPH, MHCM, FACS, *Hartford, CT*

Sponsored by the Division of Research and Optimal Patient Care

PS124 | 2:30-4:00 pm

Firearm Injuries in the U.S.:

A Public Health Approach Centered Upon Partnership and Engagement

LOCATION: 258ABC

TRACK(S): GEN, HP, TRA

MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

CO-MODERATOR: Joseph V. Sakran, MD, MPH, MPA, FACS, *Baltimore, MD*

The significant reduction in motor vehicle-related deaths (22 percent decrease) and injury rates over the past two decades are a result of addressing traffic-related injury as a public health problem. In contrast, firearm-related injury has been dealt with principally as a political problem. Over the same time period, intentional firearm-related death rates have increased by 17 percent. This session will explore the epidemiology of this issue and the public health imperative to reduce firearm-related injury and death through engagement and partnership with advocates, stakeholders, and communities at risk.

Introduction

Joseph V. Sakran, MD, MPH, MPA, FACS, *Baltimore, MD*

Epidemiology and Overview of Firearm Injury and Intentional Violence
Deborah Ann Kuhls, MD, FACS, FCCM, *Las Vegas, NV*

Intimate Partner Firearm Violence: ACS Partnership to Screen and Break the Cycle of Violence
Carrie A. Sims, MD, PhD, FACS, *Philadelphia, PA*

Addressing Structural Violence through Community Partnerships and Violence Intervention
Selwyn O. Rogers, MD, MPH, FACS, *Chicago, IL*

Safe Storage and Firearm Safety Education: Toward Zero Unintentional Childhood Firearm Deaths
Brendan T. Campbell, MD, MPH, FACS, *Hartford, CT*

Reducing Suicides through Partnerships between Health Professionals and Gun Owner Groups – Beyond Docs vs. Glocks

Working with Firearm Owners as Key Partners to Reduce Firearm Injury and Death
Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

Wrap-Up

Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Sponsored by the Young Fellows Association and the Committee on Trauma

PS125 | 2:30-5:45 pm

Latin America Day (Spanish)

LOCATION: 257AB

TRACK(S): GEN, INT

MODERATOR: Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*

CO-MODERATOR: David A. Ortega Checa, MD, FACS, FRCS, *Lima, Perú*

Experts from all of the Americas will present updates on different aspects of general surgery from high-voltage injuries to duodenal and common bile duct (CBD) complex procedures. Topics will include updates in trauma, oncologic procedures, and bariatric, and metabolic interventions. The latest information in mini-laparoscopy and robotics will also be discussed. Attendees will be able to participate in a discussion at the end of the presentations.

SECTION MODERATORS:

Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*
Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon), *Buenos Aires, Argentina*

David A. Ortega Checa, MD, FACS, FRCS, *Lima, Perú*

Introduction

David A. Ortega Checa, MD, FACS, FRCS, *Lima, Perú*

Oncologic Surgery of the Upper Gastrointestinal (GI): State of the Art

Bruno Zilberstein, MD, FACS, *Sao Paulo, Brazil*

Robots in Medicine and Surgery: Present and Future

Carlos A. Galvani, MD, FACS, *Houston, TX*

Complex Duodenal and Bile Ducts Surgical Procedures

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Mini Laparoscopy: Prime Time?

Eduardo M. Paquentin, MD, FACS, *Mexico City, Mexico*

New Technologies and Procedures in Metabolic Surgery

John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*

High-Voltage Injuries and Burns: State of the Art

Ricardo Ferrada, MD, FACS, *Calí, Colombia*

What's Hot in Trauma and Resuscitation?

Paula Ferrada, MD, FACS, *Richmond, VA*

Sponsored by the Federacion Latinoamericana de Cirugia and the Division of Education

PS115 | 4:15-5:45 pm

Head and Neck Melanoma

LOCATION: Exhibit Hall B2

TRACK(S): ONC, OTO, PLA

MODERATOR: Bhuvanesh Singh, MD, PhD, FACS, *New York, NY*

CO-MODERATOR: Anthony P. Tufaro, MD, DDS, FACS, *Baltimore, MD*

Melanoma of the head and neck continues to be a devastating disease in the adult patient with an associated high mortality. Recent advances in diagnosis, staging, and treatment may lead to an increase in survivorship in these high-risk patients. In this panel, experts will present the latest diagnostic studies for head and neck melanoma including histopathologic staging, lymphoscintigraphy, and sentinel node biopsy. The role of imaging will also be discussed in the staging of melanoma. Data will be shared on the role of sentinel node biopsy and potential impact on survivorship. The panelists will share typical cases to emphasize cost-effective diagnosis and treatment strategy for head and neck melanoma.

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for a complete agenda.

Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery



PS126 | 4:15-5:45 pm**Current Controversies in the Diagnosis and Management of Appendicitis**

LOCATION: Ballroom East

TRACK(S): GEN, PED, RUS, TRA

MODERATOR: Robert T. Russell, MD, MPH, FACS, Birmingham, AL

CO-MODERATOR: Rebecca C. Britt, MD, FACS, Norfolk, VA

The diagnosis and subsequent treatment of appendicitis in children is evolving. What was once considered an urgent surgical issue in children has morphed into an entity that may be managed entirely in a medical fashion. This panel will address the current controversies in not only the diagnostic imaging modalities for diagnosis, but also the treatment of acute and perforated appendicitis. This session is aimed at the pediatric and adult general surgeons and rural surgeons.

Current Management Strategies for Perforated Appendicitis in Children

Shawn D. St. Peter, MD, FACS, Kansas City, MO

Treatment of Acute Appendicitis in Children: Antibiotics Alone?

Peter C. Minneci, MD, FACS, Columbus, OH

Imaging Strategies for Pediatric Appendicitis: No Imaging, Ultrasound, or Computed Tomography (CT)?

Brian D. Kenney, MD, MPH, FACS, Columbus, OH

Use of Ancillary Adjuncts in Complicated Pediatric Appendicitis

Shawn J. Rangel, MD, MSCE, FACS, FAAP, Boston, MA

What the Rural Surgeon Needs to Know About the Current Management of Appendicitis?

Glenn L. Levine, MD, FACS, Coquille, OR

Questions for the Panel

Robert T. Russell, MD, MPH, FACS, Birmingham, AL

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Pediatric Surgery

PS127 | 4:15-5:45 pm**Colorectal Cancer with Hepatic Metastases**

LOCATION: 157A

TRACK(S): CRS, GEN, INT, ONC

MODERATOR: Michael I. D'Angelica, MD, FACS, New York, NY

CO-MODERATOR: Konstantin Umanskiy, MD, FACS, Chicago, IL

The goal of this session is to have a panel of U.S. and international surgeons and oncologists discuss the international and U.S. experience regarding the different strategies of managing patients with colorectal cancer and hepatic metastasis. Specifically, the three main strategies are colorectal cancer and chemotherapy and liver resection; synchronous colorectal cancer and hepatic metastases resection; and chemotherapy liver metastasis resection and colorectal cancer. The goal is to identify what strategy is better for what patient.

Neoadjuvant Chemotherapy for Resectable Synchronous Metastatic Colorectal Cancer: Is There a Benefit?

Matthew J. Weiss, MD, FACS, Baltimore, MD

Should We Resect an Asymptomatic Rectal Cancer Primary in Metastatic Rectal Cancer?

Najjia N. Mahmoud, MD, FACS, FASCRS, Philadelphia, PA

Locally Advanced Rectal Cancer and Synchronous Resectable Hepatic Metastases: What Is the Timing and Priority of Hepatic Resection?

Brendan C. Visser, MD, FACS, Stanford, CA

Total Mesorectal Excision (Low Anterior Resection or Abdominoperineal Resection) at the Time of Hepatic Resection for Colorectal Metastases: Pros and Cons

James Yoo, MD, FACS, FASCRS, Boston, MA

Sponsored by the International Relations Committee, the Advisory Council for General Surgery, and the Advisory Council for Colon and Rectal Surgery

PS128 | 4:15-5:45 pm**Multi-Organ Pelvic Trauma: Current Management**

LOCATION: 109AB

TRACK(S): GEN, ORT, RUS, TRA, VAS

MODERATOR: Todd W. Costantini, MD, FACS, San Diego, CA

CO-MODERATOR: Gregory J. Della Rocca, MD, FACS, Columbia, MO

Pelvic fractures continue to be associated with significant morbidity and even mortality after blunt trauma. Advances in hemorrhage control and fracture stabilization (both short-term and long-term) have dramatically altered the approach to these critically injured patients. This session will focus on these two aspects of management with an emphasis on emerging concepts of care.

Acute Pelvic Fracture Stabilization—When and How?

Greg M. Osgood, MD, FACS, Baltimore, MD

Distinguishing Fracture Types and Management of Associated Injuries

Anna N. Miller, MD, FACS, St. Louis, MO

Options for Pelvic Hemorrhage Control

Walter L. Biffl, MD, FACS, Honolulu, HI

Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) to Temporize Pelvic Bleeding

Joseph M. Galante, MD, FACS, Sacramento, CA

Sponsored by the Advisory Council for Orthopaedic Surgery, the Advisory Council for Urology, and the Committee on Trauma

PS129 | 4:15-5:45 pm**Coaching: Lessons Learned Through Harsh Experience**

LOCATION: Ballroom West

TRACK(S): EDU, ETH, GEN

MODERATOR: John B. Hanks, MD, FACS, Charlottesville, VA

CO-MODERATOR: Gerald B. Healy, MD, FACS, Boston, MA

Many areas of surgery are fraught with tension and stress, not solely related to clinical issues. Resolution is often difficult among peers and superiors. Older surgeons often learned lifelong lessons through such encounters. Our panel will consist of senior surgeons; a chair and a

program Director; younger surgeons; and a chief resident and junior attending. Three to four cases of situational ethics will be discussed: Anger management by a senior surgeon, falsification of clinical data by a chief resident, and harassment of operating room personnel. Discussion will include how to communicate concerns and resolution.

Introduction

John B. Hanks, MD, FACS, *Charlottesville, VA*

Case Scenario I: A Senior Leader Receives Continued Complaints from Residents and Operating Room Nurses About a Young Attending's Abusive and Disruptive Behavior in the Operating Room and on the Wards

Joseph A. Corrado, MD, FACS, *Mexico, MO*

Jacob Moalem, MD, FACS, *Rochester, NY*

Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

William P. Schechter, MD, FACS, *San Francisco, CA*

Case Scenario II: A Chief Resident Witnesses Fraudulent Billing or Fraudulent Operating Room Dictations with Upcoding by a Senior Surgeon: To Whom Does He or She Turn?

Joseph A. Corrado, MD, FACS, *Mexico, MO*

Jacob Moalem, MD, FACS, *Rochester, NY*

Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

William P. Schechter, MD, FACS, *San Francisco, CA*

Case Scenario III: A Division Chief Is Faced with a Young Attending Who Has Superb Credentials, but Is Showing Signs of Burnout, Possible Drug Dependence, and Suicidal Tendencies

Joseph A. Corrado, MD, FACS, *Mexico, MO*

Jacob Moalem, MD, FACS, *Rochester, NY*

Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

William P. Schechter, MD, FACS, *San Francisco, CA*

Sponsored by the Committee on Coaching the Next Generation

PS130 | 4:15-5:45 pm

Social Media in Surgery: Best Practices

LOCATION: 259AB

TRACK(S): EDU, ETH, HP

MODERATOR: Dhires R. Jeyarajah, MD, FACS, *Richardson, TX*

CO-MODERATOR: Susan C. Pitt, MD, MPH, FACS, *Madison, WI*

Social media is endemic and ever-present, yet guidelines and customs surrounding use of social media are vague and potentially without attention to both the benefits and hazards of this new technology. Furthermore, use of social media between surgeons, between surgeons and patients, and between patients and patients brings up important ethical issues with respect to informed consent, ongoing care, and privacy. This session will cover the range of productive and unacceptable use of social media and assist surgeons as they navigate this new technology and the grey areas that exist between these poles.

Introduction

Dhires R. Jeyarajah, MD, FACS, *Richardson, TX*

Social Media: Practice Growth, Patient Education, and Professional Knowledge

James W. Suliburk, MD, FACS, *Houston, TX*

How Social Media Can Be Used in Your Surgery

Niraj J. Gusani, MD, MS, FACS, *Hershey, PA*

The Ethics of Social Media

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Why I Left Social Media and I Haven't Looked Back!

S. Rob Todd, MD, FACS, FCCM, *Houston, TX*

Sponsored by the Young Fellows Association, the Board of Governors Newsletter Workgroup, and the Committee on Ethics

PS131 | 4:15-5:45 pm

Pediatric Vascular Anomalies:

What's New and Improved?

LOCATION: 151AB

TRACK(S): OTO, PED, PLA, VAS

MODERATOR: Steven J. Fishman, MD, FACS, *Boston, MA*

CO-MODERATOR: Michael J. Cunningham, MD, FACS, *Boston, MA*

There has been an explosion of information regarding the care of pediatric vascular anomalies. This panel will discuss data regarding the utility of propranolol and mechanistic target of rapamycin (mTOR) inhibitors to treat these conditions. In addition, newer therapeutic interventions will be discussed. This session is aimed at pediatric and adult general surgeons, rural surgeons, and otolaryngologists.

Surgical Management of Torso and Extremity Vascular Malformations

Ann M. Kulungowski, MD, FACS, *Denver, CO*

Pharmacologic Therapy of Vascular Anomalies

Denise Adams, MD, *Boston, MA*

Interventional Radiologic Approaches to Vascular Malformations

Ahmad Alomari, MD, *Boston, MA*

Management of Head and Neck Vascular Anomalies

Gresham T. Richter, MD, FACS, *Little Rock, AR*

Pediatric Vascular Anomalies

Michael J. Cunningham, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery and the Advisory Council for Pediatric Surgery

PS132 | 4:15-5:45 pm

Contemporary Issues and Controversies in Men's Health

LOCATION: 255

TRACK(S): URO

MODERATOR: Larry I. Lipshultz, MD, FACS, *Houston, TX*

CO-MODERATOR: Robert M. Coward, MD, FACS, *Chapel Hill, NC*

There exists an uncertain and evolving approach to issues related to men's health including prostate health, hypogonadism, and sexual health. The course will seek to improve one's understanding of health disparities in men and will provide evidence-based approaches to common men's health topics including prostate diseases (BPH), hypogonadism (if and when to pursue testosterone replacement



78 | Panel Sessions

therapy), and sexual health. Experts in the field will help instruct the audience on how to approach common problems in men's health including prostate diseases, hypogonadism, and sexual health.

Session 1: Controversies in Testosterone Supplementation—Welcome and Case Presentation
Larry I. Lipshultz, MD, FACS, Houston, TX

A 40-Year Perspective on Testosterone Therapy
Abraham Morgentaler, MD, FACS, *Chestnut Hill, MA*

Panel Case Discussion/Questions and Answers
Larry I. Lipshultz, MD, FACS, *Houston, TX*

Session 2: Erectile Dysfunction after Radical Pelvic Surgery—Case Presentation
Robert M. Coward, MD, FACS, *Chapel Hill, NC*

Penile Rehabilitation after Pelvic Surgery
Larry I. Lipshultz, MD, FACS, *Houston, TX*

Update on the 2018 American Urological Association (AUA) Guidelines for Erectile Dysfunction
Robert M. Coward, MD, FACS, *Chapel Hill, NC*

Panel Case Discussion/Questions and Answers
Robert M. Coward, MD, FACS, *Chapel Hill, NC*

Session 3: Controversies in the Medical and Surgical Management of BPH—Case Presentation
Larry I. Lipshultz, MD, FACS, *Houston, TX*

Controversies in the Medical and Surgical Management of Benign Prostate Hyperplasia (BPH)
Michael P. O'Leary, MD, FACS, *Boston, MA*

Questions and Answers
Larry I. Lipshultz, MD, FACS, *Houston, TX*

Sponsored by the Advisory Council for Urology

Tuesday, October 23

PS201 | 8:00-9:30 am

The Pregnant Patient and Abdominal Emergencies



LOCATION: Exhibit Hall B2

TRACK(S): GEN, OBG, RUS, TRA

MODERATOR: Alan D. Garely, MD, FACS, FACOG, *Valley Stream, NY*

CO-MODERATOR: Edward C. Borrazzo, MD, FACS, *Burlington, VT*

The panel discussion will help clinicians evaluate, diagnose, and treat pregnant patients with abdominal pain. Common conditions such as appendicitis, cholecystitis, kidney stones, gastrointestinal obstruction, pancreatitis, and venous thrombosis will be presented. This program will be presented by a maternal fetal medicine specialist, a general surgeon, and a radiologist.

Obstetrical Concerns in the Pregnant Patient with an Abdominal Emergency

Errol R. Norwitz, MD, PhD, MBA, *Boston, MA*

Surgical Management of the Pregnant Patient with an Abdominal Emergency

William E. Charash, MD, FACS, *Burlington, VT*

The Approach and Selection of Imaging Modalities in the Pregnant Patient with an Abdominal Emergency

Jennifer Uyeda, MD, *Boston, MA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Gynecology and Obstetrics

PS202 | 8:00-9:30 am

Best Practices in Umbilical Hernia Repair



LOCATION: Ballroom East

TRACK(S): GEN, HUM, PED

MODERATOR: Mike K. Liang, MD, FACS, *Houston, TX*

CO-MODERATOR: Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

Umbilical hernias are among the most common referrals to a general surgery practice and among the most common operations performed in general surgery. Failed repairs, infections, and recurrences are common and catastrophic. Controversies continue to exist regarding indications for repair of an umbilical hernia and the type of repair to perform. This panel will discuss the indications for surgery in the adult patient in general with special consideration for the obese patient and the cirrhotic patient. Best evidence regarding mesh placement and technique, the type of mesh, and the role of laparoscopic surgery will be reviewed.

Introduction

Mike K. Liang, MD, FACS, *Houston, TX*

All Umbilical Hernias Should Be Repaired

Vivian M. Sanchez, MD, FACS, *West Roxbury, MA*

Not All Umbilical Hernias Should Be Repaired

Michele M. Loor, MD, FACS, *Houston, TX*

Umbilical Hernias Should Be Repaired Prior to Pregnancy

Arielle J. Perez, MD, *Chapel Hill, NC*

Umbilical Hernias Should Be Repaired following Pregnancy

Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Small Umbilical Hernias Should Be Repaired with Sutures

Ruth Kaufman, MD, *Rotterdam, Netherlands*

Mesh

David M. Krpata, MD, *Cleveland, OH*

Early Elective Umbilical Hernia Repair in Cirrhotics

Khashayar Vaziri, MD, FACS, *Washington, DC*

Nonoperative Management of Umbilical Hernias in Cirrhotics

Caroline E. Reinke, MD, FACS, *Charlotte, NC*

How I Do It

Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

Sponsored by the Surgical Research Committee

PS203 | 8:00-9:30 am

Common Anorectal Disease



LOCATION: 160A

TRACK(S): CRS, GEN, RUS

MODERATOR: Jennifer S. Beaty, MD, FACS, FASCRS, *Omaha, NE*

CO-MODERATOR: Brooke H. Gurland, MD, FACS, *Stanford, CA*

Common anorectal diseases such as hemorrhoids, fissures, fistulas, and anorectal abscesses are a common management problem in the offices of busy surgeons. This session will cover office diagnosis and management of these common conditions and tips on modern and evolving techniques.

Access to the Anal Abscess

Natalie N. Kirilcuk, MD, FACS, *Stanford, CA*

An Anal Fistula: A Road Less Traveled

Zachary H. Torgersen, MD, *Omaha, NE*

Fissures Are No Laughing Matter

Joshua Wolf, MD, *Baltimore, MD*

Itchy Bottoms...Anal Lotions and Potions

Michelle M. Olson, MD, MACM, FACS, FASCRS, *Urbana, IL*

Tales from the Backside Part I: Internal Hemorrhoids Demystified

Massarat Zutshi, MB, BS, FACS, *Cleveland, OH*

Exposed

Jeffrey B. Albright, MD, FACS, *Syracuse, NY*

Sponsored by the Advisory Council for Colon and Rectal Surgery, the Advisory Council for General Surgery, and the Advisory Council for Rural Surgery

PS204 | 8:00-9:30 am

Challenges and Solutions for Surgery in Resource Limited Settings: Perspectives from Local Champions



LOCATION: 156ABC

TRACK(S): HUM, RUS

MODERATOR: Barbara Lee Bass, MD, FACS, FRCS(Hon), *Houston, TX*

CO-MODERATOR: Doruk E. Ozgediz, MD, FACS, FAAP, *New Haven, CT*

This Panel Session will highlight challenges and solutions for surgery in resource-limited settings from local champions. Panelists will be providers of surgical care based in resource limited areas. They will discuss firsthand challenges in areas of workforce constraints, service delivery, patient access, research, and infrastructure, and emphasize innovative locally developed solutions to these problems. Such solutions are often practiced but have no forum for wider dissemination. They will also provide local perspective on the highest priority and practical needs to advance surgical care in their environments.

East Africa Perspective

Pankaj G. Jani, MBChB, MMed, FRCPS, FCS(ECSA), *Nairobi, Kenya*

West Africa Perspective

King David Terna Yawe, MD, FWACS, FICS, FISS, FIICA, MNIM, *Lagos, Nigeria*

Brazil and Latin America Perspective

Marcelo A. F. Ribeiro, Jr., MD, FACS, *São Paulo, Brazil*

Oceania and Pacific Region Perspective

David A. Watters, MBChB, ChM, FRCSEd, FRACS, *Victoria, Australia*

Sponsored by Operation Giving Back

PS205 | 8:00-9:30 am

Supporting Successful Transition to Independent Practice: Mastery in General Surgery Program



LOCATION: 160BC

TRACK(S): GEN, RES-MED

MODERATOR: J. David Richardson, MD, FACS, *Louisville, KY*

CO-MODERATOR: Fred A. Luchette, MD, MSc, FACS, FCCM, *Chicago, IL*

In response to the widespread national concern regarding the preparation of residents for independent surgical practice, the American College of Surgeons has developed a Mastery in General Surgery Program to provide newly graduated General Surgeons a personalized experience to focus on their areas of interest and additional repetition in procedures to further enhance competence, confidence, and advance toward mastery of the profession. This mentored experience provides progressive independence in a practice setting, and includes experience in practice management. This panel will highlight key benefits and present strategies from the perspectives of the program participants, national surgeon leaders, and participating institutions.

Program Update

J. David Richardson, MD, FACS, *Louisville, KY*

The Anne Arundel Experience

Brooke M. Buckley, MD, FACS, *Annapolis, MD*

The Wake Forest Experience - I

Preston R. Miller III, MD, FACS, *Winston-Salem, NC*

The Wake Forest Experience - II

Talitha Brown, MD, *Winston-Salem, NC*

The Geisinger Experience - I

Mohsen Shabahang, MD, FACS, *Danville, PA*

The Geisinger Experience - II

Halle B. Ellison, MD, FACS, *Danville, PA*

The Loyola Experience

Fred A. Luchette, MD, MSc, FACS, FCCM, *Chicago, IL*

Sponsored by the Steering Committee of the Mastery in General Surgery Program

PS206 | 8:00-9:30 am

Imaging the Injured Child: Who, When, and How?



LOCATION: 157BC

TRACK(S): GEN, PED, TRA

MODERATOR: Christian J. Streck, MD, FACS, *Mount Pleasant, SC*

CO-MODERATOR: Melvin S. Dassinger, MD, FACS, *Little Rock, AR*

There is a national trend toward reducing the amount of ionizing radiation that children receive. Numerous institutions are devising methods to evaluate the acutely injured child avoiding unnecessary exposure to radiation, without compromising care and safety. This panel will discuss current trends and present data regarding Computed

Tomography (CT) scanning vs. FAST (Focused Assessment Sonography for Trauma) vs. prospective clinical pathways for imaging. This session is aimed at pediatric and adult general, trauma, and rural surgeons.

Introduction

Christian J. Streck, MD, FACS, *Mount Pleasant, SC*

Pan CT

Kevin W. Sexton, MD, FACS, *Little Rock, AR*

Selective Abdominal CT

Regan F. Williams, MD, FACS, *Memphis, TN*

Anti-FAST

Eric R. Scaife, MD, FACS, *Salt Lake City, UT*

Pro-FAST

Andrew F. Miller, MD, *Boston, MA*

When to Obtain a Head CT?

Maya A. Babu, MD, MBA, *Miami, FL*

How to "Clear" the Pediatric Cervical Spine

Maya A. Babu, MD, MBA, *Miami, FL*

Sponsored by the Advisory Council for Pediatric Surgery

PS207 | 8:00-9:30 am

Why Continuous Certification?



LOCATION: 157A

TRACK(S): GEN

MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: J. Patrick Walker, MD, FACS, *Crockett, TX*

Discussion of the pros and cons of continuous certification programs as administered by the American Board of Surgery and the American Board of Medical Specialties. This will include background information on continuous certification, discussion of its value to surgeons and patients, as well as principles of education and testing, controversies, and an update on legislative issues across the country.

How Did We Get Here?

Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

Value of Continuous Certification to Surgeons

J. Patrick Walker, MD, FACS, *Crockett, TX*

Value of Continuous Certification to Patients

Julie A. Freischlag, MD, FACS, *Winston-Salem, NC*

Special Issues: Aging Surgeons

Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Principles of Education and Assessment

Karen J. Brasel, MD, FACS, *Portland, OR*

Sponsored by the Advisory Council for General Surgery and the Board of Governors Continuing Education Workgroup

PS208 | 8:00-9:30 AM

How Do I Get My Hospital Verified as a Children's Surgical Center?



LOCATION: Ballroom West

TRACK(S): PED

MODERATOR: Keith T. Oldham, MD, FACS, *Milwaukee, WI*

CO-MODERATOR: Mary E. Fallat, MD, FACS, *Louisville, KY*

The ACS began a resource verification program in 2017 for centers that provide surgical care to children. Optimal hospital resources have been outlined for Level I, II, and III status. Freestanding Children's Hospitals, hospitals providing children's surgical care within a large or regional hospital, and ambulatory surgical facilities are encouraged to seek verification. This Panel Session will educate regarding site visit preparation, including but not limited to lessons learned from verified centers, how to create an adequate Performance Improvement and Patient Safety (PIPS) program, and effective use of the ACS National Surgical Quality Improvement Program® Pediatric data for Performance Improvement. This course will complement the Pediatric Surgery Day program.

Introduction

Mary E. Fallat, MD, FACS, *Louisville, KY*

Verification Overview: Performance Improvement and Patient Safety Program

Douglas C. Barnhart, MD, MSPH, FACS, *Salt Lake City, UT*

Pitfalls for New Programs

John M. Park, MD, *Ann Arbor, MI*

Children's Surgery Program Manager Roles, Responsibilities, and Training/Background

Ashley Parent, MSN, RN, *Ann Arbor, MI*

How My Institution Changed Because of the CSV (Children's Surgery Verification) Program

Marleta Reynolds, MD, FACS, *Chicago, IL*

Sponsored by the Advisory Council for Pediatric Surgery and the Children's Surgery Verification Committee

PS209 | 8:00-11:15 am

Spectacular Cases



LOCATION: 258ABC

TRACK(S): GEN, RES-MED

MODERATOR: Juan C. Paramo, MD, FACS, *Miami Beach, FL*

CO-MODERATOR: A. Frederick Schild, MD, FACS, *Miami, FL*

This Panel Session is an opportunity for residents and associate fellows to present a case with spectacular significance (because of a multidisciplinary approach in how the case was managed). Cases will be presented in a Morbidity and Mortality-style discussion format. Selected spectacular cases (not case reports) will be presented to a group of expert panel members, followed by an interactive discussion led by Drs. Schild and Paramo.

Expert Panelists

David V. Feliciano, MD, FACS, *Baltimore, MD*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

R. Phillip Burns, MD, FACS, *Chattanooga, TN*

J. Patrick O'Leary, MD, FACS, *Miami, FL*

Introductions

A. Frederick Schild, MD, FACS, *Miami, FL*

Juan C. Paramo, MD, FACS, *Miami Beach, FL*

Gastrointestinal (GI) Bleed

Seyed A. Arshad, MD, *Albuquerque, NM*

Iatrogenic Infrarenal Aortic Injury in Ambulatory Setting

Alejandro Chavarriaga, MD, *Atlanta, GA*

Nasogastric Tube (NGT) Perforation
Katharina Fetten, MD, *Phoenix, AZ*

Combat Blast Injury Extracorporeal Membrane Oxygenation (ECMO)

John P. Kuckelman, DO, *Dupont, WA*

A Thoracoabdominal Gunshot Wound with Bullet Embolism and Multiple Visceral Injuries
Deacon Lile, MD, *Philadelphia, PA*

Leak Stomach/Peritoneum Nissen for Hiatal Hernia
Amy Murphy, DO, *Cincinnati, OH*

Inguinal Hernia Preoperative Pneumothorax
Javier Otero, MD, *Highlands, NJ*

Sponsored by the Resident and Associate Society

PS210 | 9:45-11:15 am

Cutting-Edge Critical Care Review



LOCATION: Ballroom East

TRACK(S): GEN, NEU, TRA

MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*

CO-MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*

The essential studies published in the following broad topic areas of surgical critical care from the last twelve months will be reviewed by notable critical care experts: Cardiac, Pulmonary, Renal, Fluid/Electrolyte/Nutrition, Hematology, and Infectious Disease. The top articles from the year in each of these topic areas will be reviewed and placed into clinical context.

Cutting-Edge Critical Care Review
Addison K. May, MD, FACS, *Nashville, TN*

Advances in the Treatment of Sepsis and Antibiotic Stewardship

Robert G. Sawyer, MD, FACS, *Kalamazoo, MI*

Extracorporeal Membrane Oxygenation (ECMO): When Is it Time to Consider Extra Corporeal Support?

David Zonies, MD, MPH, FACS, *Portland, OR*

Advances in Nutritional Support in the Intensive Care Unit
Wendy R. Greene, MD, FACS, FCCM, *Atlanta, GA*

All Things Fluid: Advances in Blood and Crystalloids
Toan T. Huynh, MD, FACS, *Charlotte, NC*

Discussion

Stephen L. Barnes, MD, FACS, *Columbia, MO*

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS211 | 9:45-11:15 am

Contemporary Management of Complex Abdominal Wall Hernias



LOCATION: 259AB

TRACK(S): GEN, PLA, TRA

MODERATOR: Frederick D. Brenneman, MD, FACS, *Toronto, ON*

CO-MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*

Components separation methods have been used for repair of complex abdominal wall hernias for more than 30 years. This session will highlight vital anatomic considerations for various repairs including anterior components release, transversus abdominis release, and retrorectus repairs. It will discuss technical approaches (open, laparoscopic, robotic) and the potential advantages and limitations. Importantly, it presents evidence-based discussion of contemporary outcomes.

The Algorithmic Approach to the Components Separation Techniques: The Right Choice at the Right Time
Vedra A. Augenstein, MD, FACS, *Charlotte, NC*

Prevention of the Costly Hernia Failure

John P. Fischer, MD, MPH, *Philadelphia, PA*

Robotic Ventral Hernia Repair: Should I and How Should I Get Started?

Igor Belyansky, MD, FACS, *Annapolis, MD*

What Is the Role for Traditional Laparoscopic Ventral Hernia Repair?

William S. Cobb, MD, FACS, *Greenville, SC*

The #MeshIsBad Phenomenon: How Do We Discuss This with Patients?

B. Todd Heniford, MD, FACS, *Charlotte, NC*

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS212 | 9:45-11:15 am

Gallbladder Cancer: State of the Art



LOCATION: Exhibit Hall B2

TRACK(S): GEN, INT, ONC

MODERATOR: Yuman Fong, MD, FACS, *Duarte, CA*

CO-MODERATOR: Hisakazu Hoshi, MD, FACS, *Iowa City, IA*

The goal of this session is to identify the challenges involved in the management of gallbladder cancer, as well as possible progress by combining expertise from the U.S. as well as an international perspective.

Introduction and Case Presentation

Hisakazu Hoshi, MD, FACS, *Iowa City, IA*

Gallbladder Polyps in the Age of Minimally Invasive Surgery

Yuman Fong, MD, FACS, *Duarte, CA*

Early Gallbladder Cancer (T1a, T1b, T2 Disease)

Anton J. Bilchik, MBBCh, PhD, FACS, *Santa Monica, CA*

Surgery after Prior Cholecystectomy: Staging, Approach, and Role for Neoadjuvant Therapy

T. Peter Kingham, MD, FACS, *New York, NY*

Advanced Curable Disease: Role for Radical Resection and Adjuvant Therapy

Toshifumi Wakai, MD, PhD, FACS, *Niigata, Japan*

Sponsored by the Commission on Cancer and the International Relations Committee

PS213 | 9:45-11:15 am

Management of Benign Colon Polyps



LOCATION: Ballroom West

TRACK(S): CRS, GEN, RUS

MODERATOR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

CO-MODERATOR: Sang W. Lee, MD, FACS, *Los Angeles, CA*

With improvements in endoscopic technology, benign polyps can more safely be removed endoscopically or with combined endoscopic and laparoscopic techniques. These minimally invasive techniques allow patients to recover faster, with fewer risks when compared with bowel resection, and with equivalent overall cancer-related outcomes. Surgeons should continue to be at the forefront of this technologic advancement to ensure a culture of safety and quality patient outcomes. This panel will discuss advancements in management of benign colon polyps including endoscopic submucosal dissection (ESD) and combined endoscopic and laparoscopic techniques (CELS).

82 | Panel Sessions

Endoscopic Imaging and Retraction Systems:
What Do You See?

Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

Endoscopic Mucosal Resection/Endoscopic Submucosal
Dissection (EMR/ESD): How to Do It and What We Have
Learned

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Other Options: Double Channel and Endoscopic Closure
Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Combined Endo-Laparoscopic Surgery (CELS)

Sang W. Lee, MD, FACS, FASCRS, *Los Angeles, CA*

Adaptation of New Technology to Treat Neoplasia: What
Tools Do I Need in My Toolbox?

Jeffrey W. Milsom, MD, FACS, FASCRS, *New York, NY*

Case Presentation and Questions

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

*Sponsored by the Advisory Council for Colon and Rectal
Surgery and the Advisory Council for General Surgery*

PS214 | 9:45-11:15 am

Major Liver Resection: State of the Art



LOCATION: 257AB

TRACK(S): GEN, INT, ONC

MODERATOR: David A. Geller, MD, FACS, *Pittsburgh, PA*

CO-MODERATOR: Eduardo DeSantibañes, MD, PhD,
FACS(Hon), *Buenos Aires, Argentina*

Major hepatic resections, for disease or for living donor
transplantation, have attracted a spotlight in minimally
invasive surgery. This expert panel will present the current
practice of these laparoscopic and robotic operations.
Emphasis will be on the indications, limitations, technologi-
cal and technical requirements, and, importantly, on com-
parative outcome with traditional open liver resection.

Caudal Approach to Laparoscopic Major Hepatectomy
Go Wakabayashi, MD, PhD, FACS, *Saitama, Japan*

Outcomes of Laparoscopic Liver Resection for Hepatocel-
lular Carcinoma (HCC) and Metastatic Colorectal Cancer
(mCRC)

David A. Geller, MD, FACS, *Pittsburgh, PA*

Living Donor Laparoscopic Hepatectomy for Liver
Transplantation

Daniel Cherqui, MD, *New York, NY*

Minimally Invasive ALPPS (Associating Liver Partition and
Portal Vein Ligation for Staged Hepatectomy) Liver Resec-
tion Approaches

Juan Pekolj, MD, FACS, *Buenos Aires, Argentina*

Robotic Liver Resection

Allan Tsung, MD, *Pittsburgh, PA*

Video: Laparoscopic Major Hepatectomy

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

*Sponsored by the International Relations Committee and
the Advisory Council for General Surgery*

PS215 | 9:45-11:15 am

Contemporary Evaluation and Management of the Adult Neck Mass



LOCATION: 205A

TRACK(S): GEN, ONC, OTO

MODERATOR: Dennis H. Kraus, MD, FACS, *New York, NY*

CO-MODERATOR: Eric M. Genden, MD, FACS, *New York, NY*

Disciplined evaluation with history, exam, imaging, and
tissue acquisition is critical to accurate diagnosis and appro-
priate management of asymptomatic neck masses in adults.
This need is critical with human papillomavirus (HPV)-related
oropharyngeal cancer, which can be present in isolated neck
masses. Ill-timed open biopsy may impact treatment suc-
cess. This course will highlight key aspects of neck mass
evaluation focusing on epidemiology, imaging, and tissue
acquisition using fine-needle aspiration (FNA) and appropri-
ately timed open biopsy and neck dissection techniques.
Focused cases will be presented applying and reinforcing the
principles previously outlined. (Audience polling sys-
tems could be readily used in this format.) Upon completion,
the audience should be able to formulate the differential
diagnoses of asymptomatic neck masses and enact a
guideline-based workup and treatment plan in adults.

Evaluation of a Solitary Neck Mass

Daniel G. Deschler, MD, FACS, *Boston, MA*

The Implications of HPV-Positive Disease vs. HPV-Negative
Disease

Eric M. Genden, MD, FACS, *New York, NY*

Nonsquamous Cell Entities

Dennis H. Kraus, MD, FACS, *New York, NY*

Case Presentations

Dennis H. Kraus, MD, FACS, *New York, NY*

*Sponsored by the Commission on Cancer and the Advisory
Council for Otolaryngology-Head and Neck Surgery*

PS216 | 9:45-11:15 am

Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know about Pediatric Intestinal Emergencies



LOCATION: 251

TRACK(S): GEN, PED, RUS

MODERATOR: David C. Yu, MD, FACS, *New Orleans, LA*

CO-MODERATOR: Andreana M. Bütter, MD, FACS, FRCSC,
London, ON

General and rural surgeons may be faced with a child with
a true intestinal surgical emergency that may not be stable
for transfer to a pediatric center. This panel will discuss
issues surrounding pediatric intestinal emergencies that
they may encounter. This session is aimed at pediatric,
general, and rural surgeons.

Pediatric Critical Care Pearls for the General Surgeon:

Shock, Resuscitation, and Fluids

Pramod S. Puligandla, MD, MSc, FACS, FRCSC, *Montreal, QC*

Pediatric Surgical Colonic Emergencies

Robert T. Russell, MD, MPH, FACS, *Birmingham, AL*

Worms and Germs: Appendicitis, Meckel's Diverticulitis, and Intussusception

Regan F. Williams, MD, FACS, *Memphis, TN*

Malrotation and Volvulus: To Untwist in Time Saves a Lifetime

Samir R. Pandya, MD, FACS, FAAP, *Dallas, TX*

Laparoscopic Applications in the Pediatric Trauma Patient

Michael L. Nance, MD, FACS, *Philadelphia, PA*

Sponsored by the Advisory Council for Pediatric Surgery and the Advisory Council for Rural Surgery

PS218 | 12:45-2:15 pm

World War I: The Dawn of Evidence-Based Casualty Care



LOCATION: 258ABC

TRACK(S): EDU, TRA

MODERATOR: Matthew J. Bradley, MD, FACS, *Silver Spring, MD*

CO-MODERATOR: Eric A. Elster, MD, FACS, *Bethesda, MD*

With the 100th anniversary of the end of the First World War and the current cycle of continued violence, we have the opportunity to reflect on the foundation of discovery that our forefathers created. Prior to WWI, none of the other major modern conflicts (Civil War, Spanish-American War, Russo-Japanese War, or Boer War) saw a determined effort to disseminate knowledge gained. From 1915 to 1921 over 35 manuscripts were published in the peer-reviewed literature covering topics from resuscitation to reconstruction, in many of the same journals we read today. This Panel Session will attempt to relay this first effort to capture war lessons learned in the academic arena and highlight how we are still learning.

Introduction: The First World War in a Military, Medical, and Surgical Context

Justin Barr, MD, PhD, *Durham, NC*

Combat Surgery Advances in World War I

Leopoldo C. Cancio, MD, FACS, *Fort Sam Houston, TX*

Evolution of Reconstructive Care

David J. Smith, MD, FACS, *Tampa, FL*

Legacy of WWI Military: Civilian Partnership

Eric A. Elster, MD, FACS, *Bethesda, MD*

Sponsored by the American College of Surgeons History Group

PS219 | 12:45-2:15 pm

Operating on Patients with End-Stage Liver Disease



LOCATION: 153ABC

TRACK(S): GEN, TRA

MODERATOR: William C. Chapman, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Erin C. Maynard, MD, FACS, *Portland, OR*

This panel will explore common general surgical problems in cirrhotics and liver transplant patients with an aim at determining the optimal management including when it makes sense to transfer to a specialized center.

Non-Transplant General Surgery in the Cirrhotic: Beware of the Pitfalls

Erin C. Maynard, MD, FACS, *Portland, OR*

Anesthetic Management in the Cirrhotic Patient: Techniques for Optimizing Results

Ivan Kangrga, PhD, *St. Louis, MO*

Current Management of Hepatocellular Carcinoma

Shimul A. Shah, MD, FACS, *Cincinnati, OH*

Operating on Patients with End-Stage Liver Disease

William C. Chapman, MD, FACS, *St. Louis, MO*

Sponsored by the Advisory Council for General Surgery

PS220 | 8:00-9:30 am

A Night on Call in the Surgical Intensive Care Unit: Case Panel



LOCATION: 153ABC

TRACK(S): TRA

MODERATOR: Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*

CO-MODERATOR: Steven B. Johnson, MD, FACS, *Phoenix, AZ*

This session will focus on challenging but practical real-life cases presented to a panel of critical care experts. Each of these cases will be centered around common problems that are associated with a diagnostic dilemma or treatment decision. The experts will be selected carefully based on their experience in dealing with these problems. Practical take home messages, tips, and tricks will be offered for each of the critical care issues addressed by these cases. Audience interaction will be encouraged through the use of an audience response system.

Update on Geriatric Traumatic Brain Injury

Oscar D. Guillaumondegui, MD, MPH, FACS, *Nashville, TN*

Update on Coagulopathy

Mitchell J. Cohen, MD, FACS, *San Francisco, CA*

Update on Acute Respiratory Failure

Rosemary A. Kozar, MD, PhD, FACS, *Baltimore, MD*

Update on Sepsis

Matthew E. Lissauer, MD, FACS, *New Brunswick, NJ*

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS221 | 12:45-2:15 pm

The Enterotomospheric Fistula Patient: Shepherding a Person from "Oh My Goodness" Back to a Normal Life



LOCATION: Ballroom West

TRACK(S): GEN, TRA

MODERATOR: William S. Miles, MD, FACS, *Charlotte, NC*

CO-MODERATOR: Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

Patients with enterocutaneous fistulae have their lives completely disrupted. In addition to medical disruptions, there are disruptions to their social and spiritual lives and self-image. Caring for these patients requires a multidisciplinary approach involving nutrition, infection control, wound management, fistula resection, and abdominal wall reconstruction. Additionally, most of these patients have extended stays in both acute and subacute health care settings, often far from their home and social support systems. This panel will review medical care of these

patients and then go beyond to include social and spiritual aspects of care important to patients and their families.

Introductions

William S. Miles, MD, FACS, *Charlotte, NC*

Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

The Enteroatmospheric Fistula and How It Differs from an Entero-Cutaneous Fistula

William S. Miles, MD, FACS, *Charlotte, NC*

Managing Succus/Nutrition/Infection: Managing the Patient from "Oh My Goodness" Toward Sanity

Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*

Dealing with the Psychological and Social Devastation: Both Surgical Team and Patient Perspectives

Judith Scheman, PhD, *Cleveland, OH*

The Journey's End: Abdominal Wall Reconstruction and Enteroatmospheric Takedown

Michael J. Rosen, MD, FACS, *Solon, OH*

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS222 | 12:45-2:15 pm **Reducing Surgical Wound Infections in Colon and Rectal Surgery**



LOCATION: 254AB

TRACK(S): CRS, GEN

MODERATOR: Tracy L. Hull, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*

The ability to reduce surgical wound infections after colorectal surgery has been demonstrated using a concerted "bundle" of initiatives. This session will outline the problem and why it matters. Then tips will be given regarding how to set up and implement a "bundle" for your hospital.

Introduction

Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*

Defining Surgical Site Infections (SSI): Why Should I Care?

Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*

SSI Bundles: Do I Need All This?

Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

Results: Does This Make a Difference?

Elizabeth C. Wick, MD, FACS, *San Francisco, CA*

Constructing a Program: How to Get Started at Your Institution

Christopher R. Mantyh, MD, FACS, FASCRS, *Durham, NC*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS223 | 12:45-2:15 pm **Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It**



LOCATION: 257AB

TRACK(S): GEN, ONC, ORT, PED, RUS

MODERATOR: Ginger E. Holt, MD, FACS, *Nashville, TN*

CO-MODERATOR: Aimee M. Crago, MD, PhD, FACS, *New York, NY*

Quality and efficient care of sarcomas is compromised by their rarity. One-third of all sarcomas are incompletely excised in an unplanned excision and then referred to a sarcoma center for further care. This situation incurs additional surgery for the patient, a higher risk of local recurrence, and carries a significant financial burden. This also puts the surgeon at medicolegal risk for delay in diagnosis and preventable loss of function.

Introduction: Incomplete Excision of Soft-Tissue Sarcomas—a Persistent Problem Still in Need of a Solution

Ginger E. Holt, MD, FACS, *Nashville, TN*

The Aftermath of an Incompletely Excised Sarcoma

Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

What to Do When—Whoops! I Removed a Sarcoma

Nathan W. Mesko, MD, *Cleveland, OH*

Keeping Yourself Out of Trouble! Recognizing and Avoiding an Incomplete Excision of a Soft-Tissue Sarcoma

Aimee M. Crago, MD, PhD, FACS, *New York, NY*

Case Presentations and Panel Discussion

Ginger E. Holt, MD, FACS, *Nashville, TN*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Orthopaedic Surgery

PS224 | 12:45-2:15 pm **Getting Involved in Global Surgery at Any Level: How? Where? What?**



LOCATION: 160A

TRACK(S): GEN, HUM, INT

MODERATOR: Sherry M. Wren, MD, FACS, FCS(ECSA), *Palo Alto, CA*

CO-MODERATOR: Tarek S.A. Razek, MD, FACS, FRCSC, *Montreal, QC*

This Panel Session includes speakers discussing various opportunities for engagement including: (1) academic programs; (2) procedure-based volunteer missions; (3) faith-based missions; (4) disaster-based missions; and (5) long-term missions.

Introduction

Sherry M. Wren, MD, FACS, FCS(ECSA), *Palo Alto, CA*

Opportunity and Benefits for Medical Students

Parisa N. Fallah, *Boston, MA*

Residents: Rotations, Research, Planning for the Future

Rachel W. Davis, MD, *Houston, TX*

Postgraduate Fellowships

Carl Lokko, MD, *Loma Linda, CA*

Missionary Surgery

Russell E. White, MD, MPH, FACS, *Bomet, Kenya*

Academic Surgery

Anthony G. Charles, MD, MPH, FACS, *Chapel Hill, NC*

Hybrid Models: Locum Tenens and Overseas

Suzanne M. Yoder, MD, MPH, FACS, *Venice, CA*

Humanitarian Surgery

Andrew J. Michaels, MD, FACS, *Portland, OR*

Global Surgery after Retirement

Edward Z. Walworth, MD, FACS, *Lewiston, ME*

Closing

Tarek S. A. Razek, MD, FACS, FRCSC, *Montreal, QC*

Sponsored by Operation Giving Back

PS225 | 12:45-2:15 pm

Contemporary Management of Inferior Vena Cava (IVC) Filters

LOCATION: 161

TRACK(S): GEN, RUS, TRA, VAS

MODERATOR: John E. Rectenwald, MD, MS, FACS, *Madison, WI*

CO-MODERATOR: Cassius I. Ochoa Chaa, MD, FACS, *Guilford, CT*

This Panel Session will review the indications for vena cava filter placement in patients with deep vein thrombosis (DVT) and failure of anticoagulation, contraindication to anticoagulation, and prophylaxis in high-risk patients. The course will also review the current status of indications for inferior vena cava (IVC) filter removal. There will be a discussion of the current medico legal climate surrounding the use of IVC filters and their complications.

Current Indications for IVC Filters

Michael R. Go, MD, FACS, *Columbus, OH*

Best Technique for IVC Filter Placement: What to Look For and What to Avoid

John E. Rectenwald, MD, MS, FACS, *Madison, WI*

Is There a Role for Prophylactic IVC Filters?

Efthymios Avgerinos, MD, PhD, *Pittsburgh, PA*

Long-Term Complication of IVC Filters

David L. Gillespie, MD, RVT, FACS, *Dartmouth, MA*

IVC Filter Removal: Is There a Best Technique?

Cassius I. Ochoa Chaa, MD, MS, FACS, *Guilford, CT*

Litigation Related to IVC Filters

Anil P. Hingorani, MD, FACS, *Brooklyn, NY*

Sponsored by the Advisory Council for Vascular Surgery

PS226 | 12:45-5:00 pm

Association of Program Directors in Surgery (APDS) Panels

LOCATION: 160BC

TRACK(S): EDU, RES-MED

MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

The Association of Program Directors in Surgery (APDS) presents two panels on key issues in surgery resident education. Panels will include talks by expert speakers as well as a panel discussion. The first topic is "Mental and Physical Health: Delicate HR Issues in Surgical Training". The second panel will be "Residents, Fellows, and the Career Landscape after Surgical Training."

Part 1: Mental and Physical Health: Delicate Human Resources Issues in Surgical Training

Introduction

Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

EXPERT PANELISTS

Ranjan Sudan, MD, FACS, *Durham, NC*

Michael S. Weinstein, MD, MBE, MPH, FACS, FCCM, *Philadelphia, PA*

Kyla P. Terhune, MD, MBA, FACS, *Nashville, TN*

Discussion I

Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

Part II: Residents, Fellows, and the Career Landscape after Surgical Training

Introduction

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

EXPERT PANELISTS

Karen J. Brasel, MD, FACS, *Portland, OR*

Samuel A. Tisherman, MD, FACS, *Baltimore, MD*

Jennifer L. Salluzzo, MD, *Midlothian, VA*

Marc S. Rubin, MD, FACS, *Salem, MA*

Discussion II

Kimberly A. Davis, MD, MBA, FACS, FCCM, *New Haven, CT*

Sponsored by the Association of Program Directors in Surgery and the Division of Education

PS227 | 2:30-4:00 pm

Clostridium Difficile Colitis: What Is New?

LOCATION: Exhibit Hall B2

TRACK(S): CRS, GEN, RUS

MODERATOR: Amy L. Halverson, MD, FACS, FASCRS, *Chicago, IL*

CO-MODERATOR: Clarence E. Clark, III, MD, FACS, *Marietta, GA*

This Panel Session will address the diagnosis of *Clostridium difficile* (C. difficile) colitis and various treatment options for C. difficile colitis including the use of vancomycin/flagyl, vancomycin enemas, diverting ileostomy, subtotal colectomy with end ileostomy, and fecal transplant. Treatment plans for recurrent and recalcitrant C. difficile colitis will also be addressed. Fecal transplant is a very promising treatment option for C. difficile colitis, with excellent reported results; however, the use of fecal transplant is very infrequent. This panel will identify when a fecal transplant should be considered as the treatment of choice, methods of fecal transplant, and recommendations for the development of a fecal transplant program.

Welcome

Clarence E. Clark, MD, FACS, *Atlanta, GA*

Clostridium Difficile Colitis: Risk Factors, Diagnosis, and Prevention

Konstantin Umanskiy, MD, FACS, *Chicago, IL*

Acute Clostridium Difficile Colitis: Is Colectomy Ever Indicated?

Sook C. Hoang, MD, *Charlottesville, VA*

The Scoop on Poop: Fecal Transplantation in the Treatment of Clostridium Difficile Colitis

Jessica R. Allegretti, MD, *Boston, MA*

Discussion

Amy L. Halverson, MD, FACS, FASCRS, *Chicago, IL*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for Rural Surgery

PS228 | 2:30-4:00 pm
**Occult Gastrointestinal Bleeding:
 Dealing with a Difficult Situation**



LOCATION: Ballroom West

TRACK(S): GEN, RUS, TRA

MODERATOR: Fabrizio Michelassi, MD, FACS, *New York, NY*

CO-MODERATOR: Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Occult gastrointestinal (GI) bleeding is an uncommon problem, but it has numerous causes and solutions. This session will cover the presentation of the problem, the diagnostic evaluations, and the interventional and surgical management of the problem.

Endoscopic Approaches to Occult GI Bleeding
 Douglas Pleskow, MD, *Boston, MA*

Radiologic Approaches to Occult GI Bleeding
 Susan O'Horo, MD, *Boston, MA*

Surgical Strategy for Occult GI Bleeding
 Mary T. Hawn, MD, FACS, *Stanford, CA*

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS229 | 2:30-4:00 pm
Why Do Anti-Reflux Operations Fail in 2018?



LOCATION: Ballroom East

TRACK(S): CTS, GEN

MODERATOR: Kyle A. Perry, MD, FACS, *Columbus, OH*

CO-MODERATOR: Daniela Molena, MD, FACS, *New York, NY*

The vast majority of patients undergoing minimally invasive anti-reflux operations have successful results. However, some patients experience dissatisfying outcomes even with technically correct procedures. This panel includes the current standards for selecting the right patient and the right procedure for anti-reflux surgery, the principles of technical execution, and the approach for identifying the cause and potential remedies when there are unsatisfactory results.

Patient Evaluation and Selection to Optimize Outcomes of Anti-Reflux Surgery

Christy M. Dunst, MD, FACS, *Portland, OR*

Gastroesophageal Reflux Disease (GERD) and Obesity: Keys to Successful Management

Dana A. Telem, MD, MPH, FACS, *Ann Arbor, MI*

Management of Failed Laparoscopic Magnetic Gastroesophageal Junction Reinforcement

Brian E. Louie, MD, FACS, *Seattle, WA*

Technical Keys to Successful Fundoplication Revision

Brant K. Oelschlager, MD, FACS, *Seattle, WA*

Questions and Case-Based Discussion

Kyle A. Perry, MD, FACS, *Columbus, OH*

Sponsored by the Bariatric Advisory Committee, the Advisory Council for General Surgery, and the Advisory Council for Cardiothoracic Surgery

PS230 | 2:30-4:00 pm
Is an Axillary Dissection an Obsolete Operation?



LOCATION: 255

TRACK(S): GEN, ONC

MODERATOR: Tina W. F. Yen, MD, MS, FACS, *Milwaukee, WI*

CO-MODERATOR: Laurie J. Kirstein, MD, FACS, *New York, NY*

The American Society of Breast Surgeons (ASBS), identified routine axillary dissection after a positive sentinel node as an area of concern and need for improved surgical education as part of the American Medical Association (AMA) Choosing Wisely project. As stated by the ASBS after a sentinel node biopsy has been performed "Recent evidence suggests further node surgery is not necessary in patients with cancer found in fewer than three sentinel node (SN) if the patient receives other recommended cancer treatments." This session will elaborate on and discuss this recommendation and the role of axillary radiation as well clinical scenarios in which an axillary dissection is appropriate.

Introduction

Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI*

When Is Axillary Lymph Node Dissection Obsolete?

Mehra Golshan, MD, FACS, *Boston, MA*

When Is Axillary Lymph Node Dissection Still Recommended?

Barbara L. Smith, MD, FACS, *Boston, MA*

How Best to Avoid an Axillary Lymph Node Dissection

Melissa L. Pilewski, MD, FACS, *New York, NY*

Discussion

Laurie J. Kirstein, MD, FACS, *New York, NY*

Sponsored by the Commission on Cancer and the Advisory Council for General Surgery

PS231 | 2:30-4:00 pm
Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers



LOCATION: 161

TRACK(S): CRS, GEN, OTO, RUS

MODERATOR: David H. Rothstein, MD, MS, FACS, *Buffalo, NY*

CO-MODERATOR: Shinjiro Hirose, MD, FACS, *San Francisco, CA*

Numerous congenital conditions and other conditions that manifest during childhood require a transition of care to adult providers for long-term issues. This session will explore the transition of care from pediatric to adult surgical providers. Specific conditions to be discussed include inflammatory bowel disease and Hirschsprung disease. We will also briefly mention a range of surgically corrected congenital anomalies as further examples. Age for transition of care and methods of transitioning care will be explored, particularly with a growing trend of children's hospitals beginning to care for older adolescent and young adult patients. This session is aimed at the pediatric and adult surgeons, with particular interest for gastrointestinal surgeons.

Introduction—Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers

David H. Rothstein, MD, MS, FACS, *Buffalo, NY*

Shinjiro Hirose, MD, FACS, *San Francisco, CA*

Operating on Children with Inflammatory Bowel Disease
Stephen E. Dolgin, MD, FACS, *New Hyde Park, NY*

Operating on Adults Who Have Had Inflammatory Bowel Disease (IBD) Surgery as Children

Thomas E. Read, MD, FACS, *Burlington, MA*

Transition of Children with Inflammatory Bowel Disease (IBD) to the Adult Gastroenterologist

Laurie Fishman, MD, *Boston, MA*

When We Inherit an Adult Patient from the Pediatric Gastroenterologist: Challenges and Opportunities

Sarah Flier, MD, *Boston, MA*

Surgically Corrected Congenital Anomalies: Opportunities for Improving Transition of Care from Pediatric to Adult Surgery
Jessica A. Naiditch, MD, *Austin, TX*

Long-Term Results and Follow-Up in Patients after Surgery for Hirschsprung disease

Allan M. Goldstein, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for Urology, the Advisory Council for Pediatric Surgery, and the Advisory Council for Cardiothoracic Surgery

PS232 | 2:30-4:00 pm

Checking in on the Checklist: Ten Years of the WHO Surgical Safety Checklist



LOCATION: 257AB

TRACK(S): HUM, INT

MODERATOR: Thomas G. Weiser, MD, FACS, *Stanford, CA*

CO-MODERATOR: Alex B. Haynes, MD, MPH, FACS, *Boston, MA*

It has been 10 years since the launch of the WHO (World Health Organization) Surgical Safety Checklist. The surgical community is working hard to introduce, implement, and measure the intervention across the globe. This session will discuss the current state of knowledge around checklist implementation, the successes and challenges in the process, and opportunities for impact in resource-constrained settings.

Checklists and the Culture of Safety

Atul A. Gawande, MD, MPH, FACS, *Boston, MA*

The Checklist as a Framework for Process Improvement: Success Stories

Tihitena N. Mammo, MD, FCS(ECSA), *Addis Ababa, Ethiopia*

Challenges of Checklist Implementation: Lessons Learned

Adriana M. Serna Lozano, MD, *Bogotá, Colombia*

What Is the Next Frontier in Global Safe Surgery?

King David Terna Yawe, MD, FWACS, FICS, FISS, FIICA, MNIM, *Lagos, Nigeria*

Sponsored by the Program Committee

PS233 | 2:30-5:45 pm

Ethics Colloquium: Money and Modern Surgical Practice: Navigating the Difficult Ethical Terrain



LOCATION: 259AB

TRACK(S): ETH, HP

MODERATOR: Margaret L. Schwarze, MD, FACS, *Madison, WI*

CO-MODERATOR: Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

This ethics colloquium will explore the challenges faced by surgeons when financial incentives and constraints influence

clinical practice. We will consider how the financing of health care impacts both patients and surgeons, and identify ethical norms and boundaries to guide surgeons through this difficult environment. The session will use case-based problem learning to address: (1) how best to care for patients with significant out of pocket costs; (2) how to respond to financial incentives for productivity while preserving important aspects of surgical care that are not tangibly rewarded; (3) how to allocate resources in the setting of scarcity (organs, intensive care unit (ICU) and tertiary care beds); and (4) what the surgeon's duty is in addressing socioeconomic factors leading to surgical illness.

Introduction

Margaret L. Schwarze, MD, FACS, *Madison, WI*

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Point and Counterpoint: The Surgeon Should Not Consider the Financial Toxicity of the Patient's Workup

Scott B. Grant, MD, MBE, *New Brunswick, NJ*

Point and Counterpoint: The Surgeon Must Consider and Adapt the Workup to Accommodate the Financial Toxicity

Catherine J. Hunter, MD, FACS, *Chicago, IL*

Discussion

Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

Point and Counterpoint: Referring and Accepting Surgeons Should Not Decide Which Patients Should Get Access to Scarce Resources

Allan B. Peetz, MD, FACS, *Nashville, TN*

Point and Counterpoint: Referring and Accepting Surgeons Should Be Responsible Stewards of Scarce Resources and Not Transfer Patients Who Have Little to Gain from Transfer

Kristy K. Broman, MD, MPH, *Nashville, TN*

Discussion

Tyler G. Hughes, MD, FACS, *Salina, KS*

Point and Counterpoint: Financial Incentives Are Critically Important to Generating Productivity and Keep Physicians Focused on Important Aspects of Clinical Practice While Maintaining Salary Equity within a Group

Krista Haines, DO, *Durham, NC*

Point and Counterpoint: Volume-Based Incentives Are Harmful to Patient Care and Artificially Reward Surgeons for Procedures That May Not Be So Valuable to Patients

Lesly A. Dossett, MD, MPH, FACS, *Ann Arbor, MI*

Discussion

Julie A. Freischlag, MD, FACS, *Winston-Salem, NC*

Point and Counterpoint: Surgeons Have a Duty to Prevent Surgical Illness and Address Socioeconomic Disparities That Lead to Life-Limiting Traumatic Injury

Tanya L. Zakrisson, MD, FACS, FRSCS, MPH, *Miami, FL*

Point and Counterpoint: These Are the Barriers to Addressing the Needs of Patients Who are Affected by Structural Violence and Inequality

Carrie A. Sims, MD, PhD, FACS, *Philadelphia, PA*

Discussion

L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM,

FRCS(Eng)(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

Sponsored by the Committee on Ethics

PS234 | 4:15-5:45 pm**Vascular Complications of General Surgery Procedures**

LOCATION: Ballroom West

TRACK(S): GEN, ORT, PED, RUS, VAS

MODERATOR: Ramyar Gilani, MD, FACS, *Houston, TX*CO-MODERATOR: Nicolas J. Mouawad, MD, MPH, MBA, FACS, *Bay City, MI*

This session will discuss the management of vascular problems that arise in the course of routine general surgery care including limb ischemia following abdominal procedures; iatrogenic vascular injuries; perioperative venous thromboembolism; compartment syndrome; and acute mesenteric ischemia. The focus of the panel is to guide the general surgeon in initial management of ischemic and hemorrhagic complications of general surgery procedures and when to consult a vascular surgeon.

Situational Awareness in the Operating Room: An Ounce of Prevention Is Worth a Pound of Cure

George E. Anton, MD, *Independence, OH*

Vascular Access Complications: From the Small and Seemingly Innocent to the Big, Bad, and Ugly

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

This Is Not Looking So Good! Ischemic Compromise during Surgery

Eric J. Silberfein, MD, FACS, *Houston, TX*

Small Incision, Big Mistake: Assisting Specialty Surgeons to Mitigate Complications

Rebecca L. Kelso, MD, FACS, *Cleveland, OH*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Vascular Surgery

PS235 | 4:15-5:45 pm**A Night on Emergency General Surgery Call**

LOCATION: Exhibit Hall B2

TRACK(S): GEN, RUS, TRA

MODERATOR: George C. Velmahos, MD, PhD, FACS, *Boston, MA*CO-MODERATOR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCS(Eng)(Hon), FRCS(Ed)(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

This fast-paced session will take you through a night on call for emergency general surgery and present complex and challenging emergency general surgery cases discussed by a panel of experts. These expert surgeons will share their experience and expertise in diagnosing and treating the vast array of emergency surgical diseases.

Case Presentations and Panel Discussion

Noelle Saillant, MD, *Boston, MA*Daniel Dante Yeh, MD, FACS, FCCM, *Miami, FL*Matthew J. Martin, MD, FACS, *Tacoma, WA*Hasan B. Alam, MD, FACS, *Ann Arbor, MI*Deepika Nehra, MD, *Boston, MA*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS236 | 4:15-5:45 pm**Difficult Trauma Exposures: How I Do It**

LOCATION: Ballroom East

TRACK(S): GEN, INT, RUS, TRA, VAS

MODERATOR: Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*CO-MODERATOR: Elias Degiannis, MD, FACS, PhD, FRCS-Glasg, FCS(SA), *Johannesburg, South Africa*

As the demographics of injury shift across the country, it is becoming increasingly difficult to learn and maintain technical trauma skills. In particular, difficult but relatively uncommon exposures are becoming difficult to teach. Trauma experts will provide a review of the approach to technically challenging injuries in a step-by-step manner, including the subclavian artery, the popliteal artery, and the retrohepatic inferior vena cava (IVC).

Popliteal Vessels

Ernest E. Moore, MD, FACS, *Denver, CO*

Iliac Vessels

Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

Aortic Arch and Branch Vessels

Kenneth L. Mattox, MD, FACS, *Houston, TX*

Carotid Artery and Internal Jugular Vein

David V. Feliciano, MD, FACS, *Baltimore, MD*

Subclavian Vessels

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Sponsored by the International Relations Committee and the Committee on Trauma

PS237 | 4:15-5:45 pm**Friend or Foe? Understanding the Microbiome in the Surgical Patient**

LOCATION: 257AB

TRACK(S): CRS, GEN, TRA

MODERATOR: John C. Alverdy, MD, FACS, *Chicago, IL*CO-MODERATOR: Susannah E. Nicholson, MD, MSCI, FACS, *San Antonio, TX*

The microbiome is emerging as a major factor driving human health and disease. For surgeons, microbiome sciences have the potential to change clinical practice by developing science-based approaches to preparing the bowel for surgery, by changing our thinking around wound infections, by tracking the microbiome to detect cancer recurrence, and by elucidating mechanisms by which the microbiome is influenced by surgical injury. Participants will receive updates on the role of the microbiome in cancer detection, anastomotic leak, wound infection, and trauma and critical illness. Prior antibiotic use as a risk factor for surgical complications and practical approaches to mitigate its effect will also be discussed.

Trauma, Critical Care, and Injury to the Intestinal Microbiome
Susannah E. Nicholson, MD, MSCI, FACS, *San Antonio, TX*

Postoperative Ileus and Anastomotic Leak: Does the Intestinal Microbiome Influence Outcome?

Benjamin D. Shogan, MD, *Chicago, IL*

The Impact of the Microbiome on Cancer Therapy: What the Surgeon Needs To Know

Ryan M. Thomas, MD, FACS, *Gainesville, FL*

Does Preoperative Antibiotic Exposure Serve as a Biomarker for Outcome in Elective Surgery?

Robert G. Sawyer, MD, FACS, *Kalamazoo, MI*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Surgical Research Committee

Wednesday, October 24

PS301 | 8:00-9:30 am

New Key to Cancer Cure: Checkpoint Inhibitor Therapy

LOCATION: Ballroom West

TRACK(S): ONC

MODERATOR: Howard L. Kaufman, MD, FACS, *Boston, MA*

CO-MODERATOR: Kenneth K. Tanabe, MD, FACS, *Boston, MA*

This Panel Session will provide an update on recent Food and Drug Administration (FDA) approval of Programmed Death Receptor 1 Ligand (PD L1)-directed immunotherapy in Merkel cell carcinoma, and it will describe the implications of this advance for other solid tumors associated with viral etiologies.

Lessons from Checkpoint Inhibitor Treatment of Merkel Cell Carcinoma

Howard L. Kaufman, MD, FACS, *Boston, MA*

The Role of Checkpoint Inhibitor Therapy in Head-and-Neck Cancer

Robert L. Ferris, MD, *Pittsburgh, PA*

Advances in Immunotherapy of Anal Cancer

Cathy Eng, MD, *Houston, TX*

The Shifting Role of Surgical Management in the Era of Immuno-Oncology

Sponsored by the Commission on Cancer

PS302 | 8:00-9:30 am

Closing the Damage Control Abdomen

LOCATION: Exhibit Hall B2

TRACK(S): GEN, PLA, TRA, VAS

MODERATOR: Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

CO-MODERATOR: Clay Cothren Burlew, MD, FACS, *Denver, CO*

Damage-control laparotomy is a widely accepted operation for a select group of trauma patients. In the unstable multiple-injuries patient, the patient may require multiple trips to the operating room for attempted closure of the abdomen. This panel will include current accepted indications for damage control as well as the decision-making process for patients when the abdominal wall is not

closable. Discussion will include new devices that are being used to help attempt re-approximate the open abdomen.

A Bandage Left on Too Long: The History of Damage Control Laparotomy

Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

Who Should We Be Closing and What Still Needs to Be Left Open in 2018? The Use of Learning Health Systems in Improving Outcomes

John A. Harvin, MD, FACS, *Houston, TX*

Hypertonic Saline, Volume Status, and Direct Peritoneal Resuscitation

Jason W. Smith, MD, PhD, FACS, *Louisville, KY*

Effectiveness of Sequential Closure and Dynamic Closure Devices

Clay Cothren Burlew, MD, FACS, *Denver, CO*

When We Fail: Approaches to Closing the Chronic Open Abdomen

Jin H. Ra, MD, FACS, *Jacksonville, FL*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS303 | 8:00-9:30 am

Managing Bile Duct Injuries: State of the Art 2018

LOCATION: 257AB

TRACK(S): GEN

MODERATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

CO-MODERATOR: Gary C. Vitale, MD, FACS, *Louisville, KY*

Bile duct injuries are less common than in the early years of laparoscopic cholecystectomy but still are occurring. Fortunately, most surgeons will never encounter this injury but if it occurs they need to know how to manage it. This panel will examine the factors that lead to iatrogenic bile duct injury during cholecystectomy and the current management techniques and outcomes.

Bile Duct Injuries: Incidence, Etiology, and Prevention

L. Michael Brunt, MD, FACS, *St Louis, MO*

Bile Duct Injuries: The Role of the Endoscopist in Diagnosis and Management

Gary C. Vitale, MD, FACS, *Louisville, KY*

Surgical Management and Contemporary Outcomes

Emily R. Winslow, MD, MSCI, FACS, *Madison, WI*

Case Presentations and Discussion

Keith D. Lillemoe, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for General Surgery

PS304 | 8:00-9:30 am

Strategies to Maintain Preparedness Among Military Surgeons

LOCATION: Ballroom East

TRACK(S): GEN, TRA

MODERATOR: Eric A. Elster, MD, FACS, *Bethesda, MD*

CO-MODERATOR: M. Margaret Knudson, MD, FACS, *San Francisco, CA*



In 2014, the American College of Surgeons and the military health system entered into a partnership to share knowledge of trauma systems, surgical education, research, and surgical quality improvement/patient safety. Since that time, there has been considerable progress made in each of these areas, and this Panel Session will highlight the success of this partnership as well as the plans for the future.

Maintenance of Currency and Competency: The Knowledge, Skills, and Abilities (KSA) Project
Eric A. Elster, MD, FACS, *Bethesda, MD*

Cognitive Assessment in Surgery
E. Matthew Ritter, MD, FACS, *Bethesda, MD*

Surgical Skills Assessment
Travis M. Polk, MD, FACS, *Portsmouth, VA*

Developing a Military Surgical Curriculum
Joseph M. Galante, MD, FACS, *Sacramento, CA*

Maintaining Currency through Military-Civilian Partnerships
Jeffrey A. Bailey, MD, FACS, *Bethesda, MD*

Sponsored by the ACS Military Health System Strategic Partnership

PS305 | 8:00-9:30 am

Bedside Image-Guided Interventions for Surgeons



LOCATION: 259AB

TRACK(S): GEN, RUS, TRA

MODERATOR: Glenn L. Levine, MD, FACS, *Coquille, OR*

CO-MODERATOR: Jennifer C. Knight, MD, FACS
Morgantown, WV

Many rural surgeons have limited percutaneous intervention support. In these circumstances, management of acute cholecystitis in anti-coagulated patients or drainage of abscesses requires transfer of patients to a higher level of care. This panel will teach principles of ultrasound technology and ultrasound-guided interventions including percutaneous cholecystostomy, abscess drainage, and central vascular access.

Intensive Care Unit: Bedside Ultrasound-Guided Procedures

Jennifer A. Tripp Schwartz, MD, *Harrisburg, PA*

Radiological Interventions for the Rural Breast Surgeon
William L. Sims, MD, FACS, *Hobart, OK*

Coding and Billing Considerations for Ultrasound-Guided Procedures

Nina E. Glass, MD, *New York, NY*

Sponsored by the Advisory Council for Rural Surgery and the Committee on Trauma

PS306 | 8:00-9:30 am

Effective Handoffs of Care in the Perioperative Period



LOCATION: 151AB

TRACK(S): EDU, GEN

MODERATOR: Juan A. Sanchez, MD, MPA, FACS,
Baltimore, MD

CO-MODERATOR: Ashley S. Vergis, MD, FACS, FRCSC,
Winnipeg, MB

Nearly 80 percent of medical errors involve some form of miscommunication particularly during handoffs and transitions of care. The surgical patient is more vulnerable to such failures during the care trajectory across sites of care and providers, beginning with the primary care physician referral. As health care organizations strive to meet high standards for quality and safety, surgeons must understand the importance of safe handoffs, which transmit vital information that is critical to the ongoing care of the patient. The objective is to highlight the importance of safe transitions of care across the entire perioperative spectrum and to showcase tools and effective strategies that enhance communication and improve the quality and reliability of handoffs.

Handoffs in High-Performance and High-Reliability Organizations: Application of Technology and the Internet of Things
Kevin Lobdell, MD, *Charlotte, NC*

Structured Communication for Effective Information Transfer
Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Managing the High-Risk Perioperative Handoff
John J. Moynihan, MD, FACS, *Falls Church, VA*

Sponsored by the Resident and Associate Society and the Committee on Perioperative Care

PS307 | 8:00-9:30 am

Improving Parity in Surgery



LOCATION: 160BC

TRACK(S): EDU, GEN

MODERATOR: Sharon L. Stein, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Ronald V. Maier, MD, FACS, FRCSEd(Hon),
Seattle, WA

Women and minorities remain underrepresented in pay, opportunity, and leadership positions in surgery. Parity is linked to success in business and in health care; profitability, productivity, performance, and innovation all increase when racial and gender equality are achieved. Current estimates are that true parity will be not achieved until well into the 22nd century at the current rates of diffusion of women and minorities into the profession. This panel will explore the important and timely topic of parity in the domain of surgery, including enumerating the benefits of parity, identifying barriers to achieving parity, and specifying solutions that can be implemented now to accelerate the fulfillment of parity.

Setting the Stage: Where Are We and Why Does It Matter?
Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Steps Forward: What Has and Is Being Done at Academic Institutions?

Sherry M. Wren, MD, FACS, FCS(ECSA), *Palo Alto, CA*

Lessons from Outside Surgery: How Others Work to Achieve Parity

Siri Chilazi, MBA, MPP, *Cambridge, MA*

Panel of Discussants and Action Plan

Barbara Lee Bass, MD, FACS, FRCSEd(Hon), *Houston, TX*

Herbert Chen, MD, FACS, *Birmingham, AL*

Sponsored by the Committee on Diversity Issues, the Women in Surgery Committee, and the Advisory Council for General Surgery

PS308 | 8:00-11:15 am**Surgical Jeopardy**

LOCATION: 258ABC

TRACK(S): GEN, RES-MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

A knowledge-base competition of didactic surgical knowledge adapted from the American television program.

Teams representing American College of Surgeons chapters and U.S.-based surgical residency programs compete to demonstrate their knowledge and win the title of Surgical Jeopardy Champion in a good-natured, friendly competition.

SURGICAL JEOPARDY JUDGESMariam Eskander, MD, *Somerville, MA*Hari B. Keshava, MD, *Cleveland, OH***SURGICAL JEOPARDY TEAMS**

ACS Arizona Chapter: University of Arizona

Steven A. Zimmerman, MD, *Tucson, AZ*Samuel Skovgaard, MD, *Aurora, CO*

Bangladesh Chapter

Asif Almas Haque, MB, BS, *Dhaka, Bangladesh*Faizus Sazzad, MB, BS, *Dhaka, Bangladesh*

Beth Israel Deaconess Medical Center

Courtney E. Barrows, MD, *Boston, MA*Rashi Jhunjhunwala, MD, *Boston, MA*

Conemaugh Memorial Medical Center

Daniel S. Urias, MD, *Johnstown, PA*Brian Walkowski, MD, *Johnstown, PA*

Danbury Hospital

Devin Gillaspie, MD, *Danbury, CT*Andrew W. McGregor, MD, *Danbury, CT*

Delaware Chapter

Jeffrey Glaser, MD, *Newark, DE*Elizabeth Bond, MD, *Wilmington, DE*

Easton Hospital

Nils T. McBride, MD, *Easton, PA*Sarang Kashyap, MB, BS, *Easton, PA*

Loma Linda University Health

Cassra Arbabi, MD, *Redlands, CA*Agustin Sibona, MD, *Loma Linda, CA*

Long Island Chapter

William Royster, MD, *Manhasset, NY*Caroline Maloney, MD, *Manhasset, NY*

Maine Medical Center

Kevin Baier, MD, *Portland, ME*Justin G. Wilkes, MD, *Iowa City, IA*

Maryland Chapter

Shyam Jayaraman, MB, BS, *Annapolis, MD*Abdel M. Mohamed Ali, MB, BS, *Baltimore, MD*

Morristown Medical Center

Jeff Noll, MD, *Whippany, NJ*Greg Soybelman, MD, *Morristown, NJ*

New Jersey Chapter

Keith J. King, MD, *Piscataway, NJ*Jacob Schwartzman, MD, *Berkeley Heights, NJ*

North Texas Chapter

Christopher Percy, MD, *Dallas, TX*Morgan Floyd, MD, *Dallas, TX*

Rutgers Robert Wood Johnson Medical School

Kristen Donohue, MD, *New Brunswick, NJ*Alexander Rossi, MD, *Somerset, NJ*

San Joaquin General Hospital

Anand Dayama, MD, *French Camp, CA*Shaan Alam, MB, BS, *French Camp, CA*

South Florida Chapter

Marina Gorelik, DO, *Miami, FL*Alfredo Lloreda, MD, *Miami, FL*

St. Elizabeth's Medical Center

Robert L. Ball, MD, *Washington, DC*Justin C. McCarty, DO, *Boston, MA*

St. Vincent General Surgery Residency

Jordan A. Wilkerson, MD, *Indianapolis, IN*Bianca M. Kenyon, MD, *Indianapolis, IN*

Summa Health

Vitali Azouz, MD, *Akron, OH*Nolan C Mann, MD, *Stow, OH*

The University of Alabama

Robert H. Hollis, MD, *Birmingham, AL*Laura A. Hickman, MD, CMQ, *Birmingham, AL*

University of California—Irvine

Sarath S. Bhaskar, MD, *Orange, CA*Patrick Delaplaine, MD, *Orange, CA*

University of Tennessee College of Medicine—Chattanooga

Nadine Gates, MD, *Chattanooga, TN*Stephen Greer, MD, *Chattanooga, TN*

West Virginia University Department of Surgery

Kelsey A. Musgrove, MD, *Morgantown, WV*David C. Kelly, MD, *Morgantown, WV**Sponsored by the Resident and Associate Society***PS309 | 9:45-11:15 am****Thyroid Cancer: Who Really Needs Surgery?**

LOCATION: Exhibit Hall B2

TRACK(S): GEN, OTO

MODERATOR: Dimitrios A. Linos, MD, FACS, *Marousi, Greece*CO-MODERATOR: Louise Davies, MD, MS, FACS, *White River Junction, VT*

The surgical management of differentiated thyroid carcinoma remains controversial, particularly for small thyroid

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cancers. This Panel Session will review the current literature and guidelines and, through case scenarios, discuss: (1) indications and options for the extent of initial thyroid surgery (active surveillance, lobectomy, total thyroidectomy); (2) indications, pros and cons, for prophylactic central neck dissection; and (3) management of recurrent/persistent cervical neck disease.

Indications and Options for the Extent of Initial Thyroid Surgery (Active Surveillance, Lobectomy, Total Thyroidectomy)—Pro

Luc G. T. Morris, MD, FACS, *New York, NY*

Indications and Options for the Extent of Initial Thyroid Surgery (Active Surveillance, Lobectomy, Total Thyroidectomy)—Con

Janice L. Pasioka, MD, FACS, FRCSC, *Calgary, Alberta*

Indications, Pros and Cons for Prophylactic Central Neck Dissection—Pro

Amy Y. Chen, MD, MPH, FACS, *Atlanta, GA*

Indications, Pros and Cons for Prophylactic Central Neck Dissection—Con

Rebecca S. Sippel, MD, FACS, *Madison, WI*

Management of Recurrent/Persistent Cervical Neck Disease—Pro Intervention

Jessica E. Gosnell, MD, FACS, *San Francisco, CA*

Management of Recurrent/Persistent Cervical Neck Disease—Con Intervention

Richard J. Wong, MD, FACS, *New York, NY*

Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery, the Bariatric Advisory Committee, and the Advisory Council for General Surgery

PS310 | 9:45-11:15 am

Workup and Management of an Adrenal Incidentaloma



LOCATION: Ballroom East

TRACK(S): GEN, URO

MODERATOR: Wen T. Shen, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Marlon A. Guerrero, MD, FACS, *Tucson, AZ*

With the increasing use of abdominal imaging, adrenal incidentalomas are frequently identified. Surgeons should be familiar with the initial assessment of an adrenal nodule, including functional assessment for pheochromocytoma, hyperaldosteronism and Cushing's syndrome, suspicion for adrenocortical carcinoma, suspicion for adrenal metastasis in a patient with a history of cancer, indications for surgery, and the advantages of the different surgical approaches to adrenalectomy (open, transabdominal or retroperitoneoscopic laparoscopic, robotic).

Introduction and Discussion

Wen T. Shen, MD, FACS, *San Francisco, CA*

Workup of Adrenal Incidentaloma

Elizabeth G. Grubbs, MD, FACS, *Houston, TX*

Decision Making and Operative Management of Adrenal Incidentaloma

James A. Lee, MD, FACS, *New York, NY*

The Costs and Public Health Implications of Adrenal Incidentaloma

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Sponsored by the Advisory Council for Urology and the Advisory Council for General Surgery

PS311 | 9:45-11:15 am

Peptic Ulcer 2018: They Still Obstruct, Perforate, and Bleed



LOCATION: Ballroom West

TRACK(S): GEN, RUS, TRA

MODERATOR: Theodore N. Pappas, MD, FACS, *Durham, NC*

CO-MODERATOR: Tyler G. Hughes, MD, FACS, *Salina, KS*

Though peptic ulcer disease is much less common than forty years ago, those ulcers that obstruct, perforate, and bleed are still a steady issue for general surgeons. This session will discuss the evaluation, management, and surgical procedures for these vexing problems.

Treatment of Perforation and Obstruction for Peptic Ulcer Disease

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Evaluation and Treatment of Bleeding Peptic Ulcer Disease

Stanley W. Ashley, MD, FACS, *Boston, MA*

Treatment of Peptic Ulceration after Bariatric Surgery

Ninh T. Nguyen, MD, FACS, *Orange, CA*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS312 | 9:45-11:15 am

Neuroendocrine Tumors: What Are They and How Should They Be Managed?



LOCATION: 157BC

TRACK(S): GEN, NEU, ONC, PED

MODERATOR: James R. Howe, MD, FACS, *Iowa City, IA*

CO-MODERATOR: Electron Kebebew, MD, FACS, *Stanford, CA*

Neuroendocrine tumors arise from cells throughout the endocrine system. They comprise a broad family of tumors of which the most common are carcinoid tumors (most commonly arising from the lungs/bronchi or gastrointestinal tract) and pancreatic neuroendocrine tumors. Less common neuroendocrine tumors arise from the thymus, parathyroid, thyroid, adrenal, and pituitary glands. The appropriate diagnosis and treatment of these tumors often involves a multidisciplinary team, using specific biochemical, radiological, and surgical approaches. This session will discuss the diagnosis and management of these diverse, rare tumors, including therapeutic options for neuroendocrine liver metastases.

Epidemiology and Advances in Neuroendocrine Tumors

Electron Kebebew, MD, FACS, *Stanford, CA*

Controversies in the Management of Small Bowel Neuroendocrine Tumors (NETs)

Xavier M. Keutgen, MD, *Chicago, IL*

Surgical Strategies for Pancreatic NETs

James R. Howe, MD, FACS, *Iowa City, IA*

The Role of Medical Management of NETs

Matthew Kulke, MD, *Boston, MA*

The Advent of 68 Gallium Scanning and Peptide Radioreceptor Therapy for NETs in the U.S.

Heather Jacene, MD, *Boston, MA*

Sponsored by the Advisory Council for General Surgery

PS313 | 9:45-11:15 am

Beyond the Massive Transfusion Protocol



LOCATION: 259AB

TRACK(S): GEN, PED, TRA

MODERATOR: Martin A. Schreiber, MD, FACS, *Portland, OR*

CO-MODERATOR: Suresh Agarwal, MD, FACS, *Durham, NC*

As the evidence base supporting blood product resuscitation evolves, there has been an increase in the availability of specific adjuncts to the standard red cell, plasma, and platelet transfusion ratios. These products include prothrombin complex concentrate (PCC), fibrinogen concentrates, antifibrinolytics, whole blood, and liquid plasma. The role of these products for bleeding patients in the perioperative state will be reviewed by experts in the field using practical examples that will serve to highlight the benefits and risks of using these products.

Whole Blood for Massive Transfusion

Jason L. Sperry, MD, MPH, FACS, *Pittsburgh, PA*

How and When to Use Plasma

Suresh Agarwal, MD, FACS, *Durham, NC*

The Use of Factor Concentrates in Trauma

Bellal Joseph, MD, FACS, *Tucson, AZ*

Tranexamic Acid for Bleeding and Traumatic Brain Injury

Martin A. Schreiber, MD, FACS, *Portland, OR*

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS314 | 9:45-11:15 am

Colorectal Surgical Emergencies:

What to Do in the Middle of the Night



LOCATION: 257AB

TRACK(S): CRS, GEN, RUS, TRA

MODERATOR: Michael B. Hopkins, MD, FACS, *Nashville, TN*

CO-MODERATOR: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

Colorectal surgical emergencies are a common emergency consult. The evaluation and management of common emergencies such as bleeding, perforation, obstruction, ischemia, and volvulus will be covered.

Uncontrolled Lower Gastrointestinal Bleeding: What Now?

Angela H. Kohnen, MD, FACS, *Boston, MA*

Colonic Obstruction: What to Do and When to Do It

Dana M. Hayden, MD, *Maywood, IL*

There's Free Air: We Gotta Get in There

Alexander T. Hawkins, MD, MPH, *Nashville, TN*

Twists Are for Pretzels, Not for Colons: Volvulus and Ischemia

Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*

Sponsored by the Advisory Council for General Surgery, the Committee on Trauma, and the Advisory Council for Colon and Rectal Surgery

PS315 | 9:45-11:15 am

The Fourth Year of Medical School: Redesign or Replace?



LOCATION: 160BC

TRACK(S): RES-MED

MODERATOR: Andre R. Campbell, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Nancy L. Gantt, MD, FACS, *Youngstown, OH*

Descriptions of the fourth year of medical school range from it being a vacation and a waste of time to an opportunity to mature and increase autonomy, and prepare for residency. National organized curricula and modifications to the traditional style of medical school have been developed and tried; what can we learn from these unique experiences? A panel of experts and stakeholders will discuss methods to modify the fourth year in order to increase its value and importance. The panel will also address if it is time to rethink the need for such a year and, if, in the age of extreme accessibility of information, complete overhaul is in order.

Medical Student Perspective of the M4 Year

Sarah J. Armenia, MS, *Newark, NJ*

Surgical Educator Perspective: Alternative Educational Models

Shimae C. Fitzgibbons, MD, FACS, *Washington, DC*

Integration of the M4 Year into a Longitudinal Curriculum

David E. Lindsey, MD, FACS, *Upper Arlington, OH*

Three's Company, Four's a Crowd: Condensing the Curriculum into Three Years

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Sponsored by the Young Fellows Association and the Committee on Medical Student Education

PS316 | 9:45-11:15 am

Assessing Ocular and Orbital Trauma:

What to Do Until the Ophthalmologist Arrives



LOCATION: 157A

TRACK(S): OPHTHO, TRA

MODERATOR: James W. Gigantelli, MD, FACS, *Omaha, NE*

CO-MODERATOR: Paul A. Edwards, MD, FACS, *Detroit, MI*

Although many surgeons have limited experience with ocular and orbital injuries, circumstances may require that they be the first-line physicians for these emergencies. This presentation will detail the order of urgency for treatment to preserve vision; conditions in which treatment can safely be deferred temporarily; and recommendations for appropriate instruments and supplies that should be available to the first responding physician individually, and in the local emergency department. Although much ocular and orbital trauma occurs in military battlefield situations, occurrence in civilian settings are not infrequent; both will be considered. The appropriate response to chemical exposure will be emphasized.

Introduction

Paul A. Edwards, MD, FACS, *Detroit, MI*

Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives

James W. Gigantelli, MD, FACS, *Omaha, NE*

Panel Discussion with Questions and Answers

Paul A. Edwards, MD, FACS, *Detroit, MI*

Sponsored by the Advisory Council for Ophthalmic Surgery

PS317 | 9:45-11:15 am

ACS Traveling Fellowships

LOCATION: 161

TRACK(S): EDU

MODERATOR: Richard D. Schulick, MD, MBA, FACS, *Aurora, CO*

The American College of Surgeons offers many traveling fellowships and this session would highlight the opportunities available with the purpose of attracting qualified candidates.

Types of American College of Surgeons International Fellowships

Cristina R. Ferrone, MD, FACS, *Boston, MA*

Maximize the Career Benefit: Who and When to Apply?

Jianan Ren, MD, FACS, *Nanjing, China*

Planning Your Visit to Get the Most Benefit

Elizabeth C. Wick, MD, FACS, *San Francisco, CA*

How to Write a Competitive Application

Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon), *Buenos Aires, Argentina*

Sponsored by the International Relations Committee

PS318 | 12:45-2:15 pm

Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient



LOCATION: Ballroom West

TRACK(S): CTS, PED, TRA

MODERATOR: Matthew D. Bacchetta, MD, FACS, *Nashville, TN*

CO-MODERATOR: Scott A. Anderson, MD, FACS, *Birmingham, AL*

Use of extracorporeal membrane oxygenation (ECMO) has been increasing in recent years. With this increase has been a commensurate, albeit low, rise in other operations performed around its use. This session is an opportunity for many surgeons to understand the scope of non-cardiac operations performed while a patient is an ECMO. More specifically, the surgeons would understand the benefits, limitations, and outcomes to performing certain operations while on ECMO, including tracheal resection, acquired tracheoesophageal fistula, resection of malignancies, pediatric operations such as diaphragm hernia repairs, and traumatic injuries to the chest.

ECMO: Trauma/Military

Mauer Biscotti, MD, *San Antonio, TX*

ECMO: Abdominal Compartment Syndrome

Zachary N. Kon, MD, *Baltimore, MD*

ECMO: Use In Intraoperative and Post Cardiectomy Applications

Jonathan W. Haft, MD, FACS, *Ann Arbor, MI*

Sponsored by the Advisory Council for Cardiothoracic Surgery and the Advisory Council for Pediatric Surgery

PS319 | 12:45-2:15 pm

Surgical Emergencies in the Cancer Patient



LOCATION: 257AB

TRACK(S): ETH, GEN, ONC, TRA

MODERATOR: Martin R. Weiser, MD, FACS, *New York, NY*

CO-MODERATOR: Brian D. Badgwell, MD, FACS, *Houston, TX*

Patients treated with cancer-directed therapy can experience severe complications that require surgical intervention. These can range from soft-tissue infections, to bowel obstructions, bleeding, and perforations. Depending on their disease and performance status, the management of these patients can be quite challenging. The purpose of this session is to provide an organized approach to these difficult situations from both a surgical oncology and acute care surgery perspective. In addition, ethical and palliative decision-making strategies will be covered.

Introduction

Martin R. Weiser, MD, FACS, *New York, NY*

Brian D. Badgwell, MD, FACS, *Houston, TX*

Bowel Obstruction

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Cholecystitis, Cholangitis, and Biliary Obstruction

T. Peter Kingham, MD, FACS, *New York, NY*

Free Air Including Perforation

Paxton V. Dickson, MD, FACS, *Germantown, TN*

Abdominal Pain in the Setting of Neutropenia

Travis Grotz, MD, *Rochester, MN*

Anorectal Fistula, Abscess, and Pain

Emmanouil Pappou, MD, *Baltimore, MD*

Palliative Care and Ethical Considerations

Eric A. Singer, MD, MA, FACS, *New Brunswick, NJ*

Cases

Brian D. Badgwell, MD, FACS, *Houston, TX*

Martin R. Weiser, MD, FACS, *New York, NY*

Sponsored by the Committee on Ethics and the ACS Clinical Research Program Education Committee

PS320 | 12:45-2:15 pm

Oncoplastic Breast Surgery for the General and Breast Surgeon



LOCATION: 258ABC

TRACK(S): GEN, PLA, RUS

MODERATOR: Julie A. Margenthaler, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Lorraine Taft, MD, FACS, *Annapolis, MD*

In many parts of the U.S., plastic surgeons are not readily available, and even in areas where they are available very

often a plastic surgery consultation does not occur until after the initial breast surgery. This session will discuss oncoplastic techniques in regards to excisional biopsy and lumpectomy. It will review basic techniques of incisional placement and tissue transfer based on tumor location. It will also address the other tumor and patient characteristics to take into account during surgical planning for optimal cosmesis.

Welcome and Introduction

Julie A. Margenthaler, MD, FACS, *St. Louis, MO*

Pre- and Postoperative Considerations for Oncoplastic Procedures

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Glandular Displacement Techniques

Mahmoud B. El Tamer, MD, FACS, *New York, NY*

Oncoplastic Techniques for the Central Breast

Jill R. Dietz, MD, FACS, *Cleveland, OH*

Oncoplastic Techniques for the Upper Hemisphere of the Breast

Shawna C. Willey, MD, FACS, *Washington, DC*

Oncoplastic Techniques for the Lower Hemisphere of the Breast

Jennifer S. Gass, MD, FACS, *Providence, RI*

Sponsored by the Advisory Council for General Surgery

PS321 | 12:45-2:15 pm

Global Surgery: Pearls for Operating in Resource-Constrained Settings



LOCATION: Ballroom East

TRACK(S): GEN, HUM, PED, RUS

MODERATOR: Doruk E. Ozgediz, MD, FACS, FAAP, *New Haven, CT*

CO-MODERATOR: David A. Watters, MB, BCh, ChM, FRCSEd, FRACS, *Victoria, Australia*

The purpose of this Panel Session is to showcase pathology more common in resource-poor areas and surgical methods in the perioperative setting to facilitate patient care; this session may be case-based or a summary presentation of various techniques of managing specific diseases. Those cases may include common pathologies such as parasitic infections, or multi-casualty trauma that is more common in such settings. Panelists will cover a diverse array of specialties including anesthesia, plastics, orthopaedics, and urology.

Trauma and Emergency Surgery Expert Tips and Tricks
Alberto F. Garcia Marin, MD, *Calí, Colombia*

General Surgery Challenges and Strategies in the Tropics
Kalisya L. Malemo, MD, SFM, *North Kivu, Congo*

Orthopaedic Surgery Pearls for the General Surgeon
Coleen Sabatini, MD, MPH, *Oakland, CA*

Plastic Surgery: Must-Know Skills for the General Surgeon
Louis L. Carter, Jr., MD, FACS, *Lookout Mountain, TN*

Anesthesia and Perioperative Care Essentials for the Surgeon
Eric Vreede, MRCA, FFARCSI, *London, UK*

Sponsored by Operation Giving Back

PS322 | 12:45-2:15 pm

New Modalities for Scar Modulation



LOCATION: 259AB

TRACK(S): GEN, OTO, PED, PLA, RUS

MODERATOR: Gayle M. Gordillo, MD, FACS, *Columbus, OH*

CO-MODERATOR: Callie M. Thompson, MD, *Nashville, TN*

This panel will address modalities for scar modulation to provide optimal outcome for scar formation. This will include treatment and prevention of hypertrophic scars, minimizing scar widening, and management of scars following burn injury. Application of specific therapies to include lasers, fat grafting, and silicone gel sheeting for scar modulation, will be addressed.

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for a complete agenda.

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS323 | 12:45-2:15 pm

Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation



LOCATION: 157BC

TRACK(S): GER, ONC

MODERATOR: Thomas J. Miner, MD, FACS, *Providence, RI*

CO-MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Decisions regarding use of surgical procedures in seriously ill patients require the highest level of surgical judgment. In some instances, the decision not to offer operative intervention may be the most valuable service a surgeon can provide. Such recommendations, however, may challenge the expectations of the patient, family, and other providers and contribute to high levels of professional moral distress and dissatisfaction. This multidisciplinary panel will discuss specific problems and offer practical solutions grounded in communication skills, professionalism, practice-based learning, and system-based care to help the practicing surgeon navigate the multiple demands associated with a recommendation against operative intervention. A question-and-answer session will allow audience members to offer their perspectives and to ask the expert panelists questions.

Considerations and Issues That Influence Recommendations Against Operation in the Acute Care Setting
David Zonies, MD, MPH, FACS, *Portland, OR*

Considerations and Issues That Influence Recommendations Against Operation in Patients with Chronic Disease
Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

The Ethical Considerations of Not Offering Operative Intervention

Richard I. Whyte, MD, FACS, *Boston, MA*

Getting to "No": Understanding the Problem

Thomas J. Miner, MD, FACS, *Providence, RI*

Getting to "No": Practical Considerations

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Sponsored by the Committee on Ethics and the Committee on Surgical Palliative Care

PS324 | 12:45-2:15 pm
Implementation Science: The Avenue Forward in Health Services Research

LOCATION: 153ABC

TRACK(S): EDU, HP

MODERATOR: Philip P. Goodney, MD, *Lebanon, NH*
 CO-MODERATOR: Samuel R.G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

While health services research often identifies practice gaps and difficulties, improving and changing practice in surgery is difficult. Implementation science focuses on translating ideas into practice, especially in areas of practice challenges identified in observational and randomized evidence. This panel will focus on three areas of implementation research: patient and provider communication, dissemination of research findings, and operational system design for improvement. Three distinct projects will be described, but all three are integrated efforts which use implementation science to improve practice.

Using Implementation Science to Improve Risk-Aligned Cancer Care

Florian Schroeck, MD, *Hanover, NH*

Implementation Science and Care Transitions in Surgery
 Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*

Implementation Science and Enhanced Recovery after Surgery (ERAS)—Making Change Happen

Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

Sponsored by the Surgical Research Committee and the Scientific Forum Committee

PS329 | 12:45-2:15 pm
Fostering Autonomy in Surgical Trainees

LOCATION: 157A

TRACK(S): EDU, RES-MED

MODERATOR: Celia M. Divino, MD, FACS, *New York, NY*
 CO-MODERATOR: Annesley W. Copeland, MD, FACS, *Bethesda, MD*

The traditional apprenticeship model of surgical training, allowing the trainee graded responsibility progressing under supervision, has been eroded in recent years under financial pressures, duty-hour restrictions, and due to other regulations. Consequently, surgical trainees have fewer opportunities in residency to exercise autonomy, a quality that is essential in independent clinical practice. This Panel Session will explore the different perspectives on autonomy and review the barriers to autonomy, as well as report on current efforts and proposed solutions to enhance opportunities for autonomy, in surgical training—not just operative autonomy but also the critical skills of decision making and professionalism.

Introduction

Celia M. Divino, MD, FACS, *New York, NY*
 Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Faculty Perspective—Technical/Nontechnical
 Keith A. Delman, MD, FACS, *Atlanta, GA*

Resident Perspective

Edward S. Shipper, MD, *San Antonio, TX*

Stakeholder Perspective

John R. Combes, MD, *Chicago, IL*

Patient Education

Annesley W. Copeland, MD, FACS, *Bethesda, MD*

Sponsored by the Resident and Associate Society and the Committee on Resident Education



PS325 | 12:45-4:00 pm
The College's International Scholars and Travelers 2018

LOCATION: 151AB

TRACK(S): GEN, INT

MODERATOR: Cristina R. Ferrone, MD, FACS, *Boston, MA*
 CO-MODERATOR: Jianan Ren, MD, FACS, *Nanjing, China*

The year 2018 marks the 50th anniversary of the College providing Clinical Congress scholarships to outstanding young international surgeons. The year 2018 International Scholars and Traveling Fellows will make brief presentations about their research or practice, or the art and science of surgery in their home countries. The International Guest Scholars, International Surgical Education Scholars, and the Exchange Fellows from Australia, New Zealand, Germany, and Japan will provide their U.S., Canadian and international colleagues in the audience with greater insight into the practice of surgery around the world.

Surgical Treatment of Lymphedema: Microsurgery Leads the Way

Jung J. Huang, MD, *Taoyuan, Taiwan*

Salvage Surgery for Recurrent Nasopharyngeal Carcinoma: Past, Present, and Future

Jimmy Y. Wai Chan, MS, PhD, *Hong Kong Hong Kong*

Human Papillomavirus in Head and Neck Neoplasm in East Asia
 Zeyi Deng, MD, PhD, *Guangzhou, Guangdong, China*

New Frontiers of Juvenile Nasopharyngeal Angiofibroma from Indian Subcontinent

Anupam Mishra, MB, BS, FACS, *Lucknow, India*

Less Invasive Techniques in Complex Spine Procedures
 Eleftherios Archavlis, MD, FACS, *Mainz, Deutschland*

Trauma Care in Brazil: Where Are We Now?

Marcelo A. F. Ribeiro, Jr., MD, MSc, PhD, FACS, *São Paulo, Brazil*

Bootstrap 3-D Printing: Creating a Medical 3-D Printing Program Out of Thin Air

Jason Chuen, MB, BS FRACS, *Heidelberg, Australia*

Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy (ALPPS) for Hepatocellular Carcinoma: The University of Hong Kong Experience
 Albert Chan, MD, FRCS, *Hong Kong, China*

Bile Duct Injury: An Epidemic in a Country with High Incidence of Gallstones

Eduardo M. Palavecino, MD, FACS, *Buenos Aires, Argentina*

Surgical Strategy for Difficult Segments of Laparoscopic Liver Resection: Our Technical Tips and Outcome
 Kenichiro Araki, MD, PhD, *Maebashi, Japan*

Analysis of Tumor Heterogeneity in Pancreatic Cancer Using Matrix-Assisted Laser Desorption/Ionization
 Carsten Kamphues, MD, PhD, MHBA, *Berlin, Germany*

Gastric Cancer Surgery Over Three Decades in a Western Tertiary Referral Center

Fausto Rosa, MD, PhD, *Rome, Italy*

National Emergency Laparotomy Audit

Yiu Ming HO, MB, BS, MS, FRACS, *Suffolk, United Kingdom*

Good Things Come in Small Packages: BRIPS, OWR, and WIS in Australasia

Rhea Liang, MB, ChB, FRACS, *Tallai, Australia*

The Economic Burden of Trauma in Mozambique

Prem Yohannan, MBBS, MS, *Maputo City, Mozambique*

Ameliorating Surgical Education in Japan through the Encouragement of Academic Field and Multilateral Collaborations

Yusuke Watanabe, MD, PhD, *Sapporo, Japan*

Sponsored by the International Relations Committee



PS326 | 2:30-4:00 pm**Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes**

LOCATION: Ballroom West

TRACK(S): BTR, GEN

MODERATOR: Ali Tavakkoli, MB, BS, FACS, FRCS, *Boston, MA*
CO-MODERATOR: Jayleen M. Grams, MD, PhD, FACS, *Birmingham, AL*

Significant progress has been made in the field of metabolic surgery with randomized studies indicating a definitive role for bariatric operations in the treatment of diabetes. The underlying mechanisms of these benefits, however, remain poorly understood and the durability of these interventions are still in question. The uptake of surgery amongst those who qualify also remains low. This session will review short- and long-term data supporting the role of surgery to treat diabetes, discuss the basic mechanisms underlying the metabolic benefits of surgery, and describe how this scientific knowledge is used to develop surgical alternatives and new devices.

Impact of Bariatric Surgery on T2D (Type 2 Diabetes) and Weight

Anita P. Courcoulas, *Pittsburgh, PA*

How Does Bariatric Surgery Work?

Randy Seeley, PhD, *Ann Arbor, MI*

Using Science to Improve Surgery

Ali Tavakkoli, MB, BS, FACS, FRCS, *Boston, MA*

Using Science to Replace Surgery: Evolving Field of Metabolic Devices

Naji N. Abumrad, MD, FACS, *Nashville, TN*

Sponsored by the Scientific Forum Committee and the Advisory Council for General Surgery

**PS327** | 2:30-4:00 pm**Sepsis Update 2018**

LOCATION: Ballroom East

TRACK(S): GEN, TRA

MODERATOR: Nicholas Namias, MD, MBA, FACS, FCCM, *Miami, FL*CO-MODERATOR: Heather L. Evans, MD, MS, FACS, *Seattle, WA*

Recent randomized trials have provided data regarding resuscitation techniques, selection of vasoactive medications, and adjuncts such as steroids in the setting of sepsis. These are cutting-edge findings not yet integrated into the Surviving Sepsis Guidelines. Experts will provide a practical approach to the management of a septic patient in 2018. Topics to be covered include: updates to surviving sepsis guidelines, vasopressors, fluids, steroids and adjuncts, and antibiotics.

Introductions

Nicholas Namias, MD, MBA, FACS, FCCM, *Miami, FL*

Surviving Sepsis—Is That All?

Vanessa P. Ho, MD, MPH, FACS, *Cleveland, Ohio*

Source Control and Role of New Antibiotics for Multi-Drug Resistant Organisms (MDROs)

Tanya L. Zakrisson, MD, FACS, FRCS, MPH, *Miami, FL*

When Is It Time to Stop the Antibiotics? Is Less More?

Rishi Rattan, MD, *Miami, Florida*

Sepsis Prediction and Outcomes

Haytham M.A. Kaafarani, MD, MPH, FACS, *Boston, MA*

Panel Discussion

Heather L. Evans, MD, MS, FACS, *Seattle, WA*

Sponsored by the Committee on Trauma

PS328 | 2:30-4:00 pm**Chronic Pancreatitis: What Is the Role of Surgery?**

LOCATION: 258ABC

TRACK(S): GEN

MODERATOR: Katherine A. Morgan, MD, FACS, *Charleston, SC*CO-MODERATOR: William H. Nealon, MD, FACS, *Manhasset, NY*

The treatment of chronic pancreatitis is a vexing issue and, despite numerous surgical procedures that are available, there exists no single suitable operation. The rising success of islet cell transplantation after total pancreatectomy offers a potential new avenue for improving the quality of life in this challenging population. This panel will discuss the various surgical options in management of chronic pancreatitis and suggest tailored procedures and selection criteria.

Chronic Pancreatitis: What's Coming?

Jessica Cioffi, MD, FACS, *Gainesville, FL*

Endoscopic Management of Chronic Pancreatitis

Gregory A. Cote, MD, MS, *Charleston, SC*

Current Surgical Algorithm for Chronic Pancreatitis

Marshall S. Baker, MD, FACS, *Chicago, IL*

Total Pancreatectomy with Islet Autotransplantation: Who is a Candidate?

Marty Makary, MD, MPH, FACS, *Baltimore, MD*

Challenging Cases for the Panel

Katherine A. Morgan, MD, FACS, *Charleston, SC*

Sponsored by the Advisory Committee for SESAP and the Advisory Council for General Surgery

**PS330** | 2:30-4:00 pm**Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care**

LOCATION: 257AB

TRACK(S): GER, NEU, TRA

MODERATOR: Alexandra M. Easson, MD, FACS, *Toronto, ON*CO-MODERATOR: Susan D. McCammon, MD, FACS, *Galveston, TX*

Early integration of palliative care is associated with improved quality of life, reduced costs, and longer survival in patients with advanced cancer and chronic progressive disease. Core principles include: management of symptoms and suffering, building personal resilience, discussions of patients' goals of care, and training in advanced communication skills. How this may apply to complex surgical patients with more acute problems and during discrete episodes of care has yet to be defined. This panel includes established and emerging evidence for initiatives that upstream palliative care into surgical populations: screening and early intervention in surgical intensive care unit (ICU) patients, decision making that balances expectations about pre- and postoperative risks for complex elective surgery, and transitional models of care in advanced cancer when new treatments make outcomes uncertain.

Introduction

Alexandra M. Easson, MD, FACS, *Toronto, ON*

Palliative Care in Trauma: The First 48 Hours
Herb A. Phelan, MD, MSCS, FACS, *Dallas, TX*

High-Risk Surgery: Preoperative Decision Making
Margaret L. Schwarze, MD, FACS, *Madison, WI*

Determining Goals of Care in the Surgical Intensive Care Unit
Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Early Integration of Palliative Care in Complex Surgical Oncology
Phillippa Hawley, BMed, FRCPC, *Vancouver, BC*

Sponsored by the Committee on Surgical Palliative Care and the Committee on Trauma

PS331 | 2:30-4:00 pm

Demystifying Relative Value Units (RVUs): How a Surgeon Is Valued in 2018

LOCATION: 259AB

TRACK(S): HP

MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*

CO-MODERATOR: Jayme D. Lieberman, MD, MBA, FACS, *Allentown, PA*

Understanding what makes up relative value units (RVUs) and how they translate into physician reimbursement is critical for all surgeons. The Medicare Access and CHIP Reauthorization Act (MACRA) is the first major change in Medicare physician payment in the past 25 years. Surgeons need to understand how to avoid penalties and successfully participate in MACRA. Surgeons will learn about the two participation pathways within MACRA: the Merit-based Incentive Payment System (MIPS) and Advanced Alternative Payment Models (A-APMs). Surgeons will receive information on APMs and the four components of MIPS: Quality, Improvement Activities (IA), Advancing Care Information (ACI) and Cost. This session will teach surgeons how to appropriately report in MIPS and APMs, and explain how to use ACS MIPS and A-APM resources.

Introductions

Linda M. Barney, MD, FACS, *Dayton, OH*

Introduction to Relative Value Units (RVUs)

Jayme D. Lieberman, MD, MBA, FACS, *Allentown, PA*

Understanding My Relative Value

Christopher K. Senkowski, MD, FACS, *Savannah, GA*

What If There's No RVU for What I Do?

Don J. Selzer, MD, FACS, *Indianapolis, IN*

Sponsored by the Health Policy and Advocacy Group and the General Surgery Coding and Reimbursement Committee

PS332 | 4:15-5:45 pm

Recognizing and Responding to Distress in Your Colleagues and Yourself

LOCATION: Ballroom West

TRACK(S): GER

MODERATOR: Susan E. Pories, MD, FACS, *Cambridge, MA*

Surgeons routinely face a host of challenges inherent to surgical practice: the physical connection of surgical practice to outcomes, the culture of surgery, which has historically prized accomplishment over the needs of self and family, and the intensity of illness that surgeons confront. The toll that these challenges bring has been tied to burnout among surgeons and adverse consequences for them, personally and professionally. In order to withstand these challenges,

surgeons must develop strategies and behaviors that promote resilience. The panel will use an evidence-based approach to discuss specific tools that can be used to create resilience including practices that benefit individual surgeons and, importantly, changes in care processes and structures within institutions that will impact multiple surgeons.

The Importance of Peer Support in the Aftermath of Errors
Stanley W. Ashley, MD, FACS, *Boston, MA*

Management of the Acute Response to Stresses and Frustrations

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Advocating for System Changes to Improve Workflow and Patient Care

Carla Marie Pugh, MD, PhD, FACS, *Stanford, CA*

Recalibration and Reflection

Emily B. Rivet, MD, MBA, FACS, FASCRS, *Richmond, VA*

Sponsored by the Women in Surgery Committee, Board of Governors Physician Competency and Health Workgroup, and the Committee on Surgical Palliative Care

PS333 | 4:15-5:45 pm

Retrieval of Introduced Foreign Objects: Top to Bottom

LOCATION: Ballroom East

TRACK(S): CRS, OTO, PED, RUS, URO

MODERATOR: Peter A. Cataldo, MD, FACS, FACS, *Burlington, VT*

CO-MODERATOR: Michael Coburn, MD, FACS, *Houston, TX*

Patients may present to your emergency department with foreign objects introduced into the body. This session will explain when it is necessary to retrieve these, and what special tips and tricks are used to accomplish this sometimes challenging procedure.

Introduction

Peter A. Cataldo, MD, FACS, FACS, *Burlington, VT*

Michael Coburn, MD, FACS, *Houston, TX*

Urologic Foreign Bodies

Michael Coburn, MD, FACS, *Houston, TX*

Pediatric Ear, Nose, and Throat Foreign Bodies

Heather C. Herrington, MD, *Burlington, VT*

Rectal Foreign Bodies

Charles B. Whitlow, MD, FACS, *New Orleans, LA*

Upper Gastrointestinal Foreign Bodies

Mandeep S. Sawhney, MD, FASGE, *Boston, MA*

Radiologic Considerations and Interventional Radiologic

Removal of Foreign Bodies

Anant Bhawe, MD, *Burlington, VT*

Sponsored by the Advisory Council for Colon and Rectal Surgery, the Advisory Council for Urology, and the Advisory Council for Pediatric Surgery

PS334 | 4:15-5:45 pm

Thyroid Nodules and Cancer: How Does Molecular Profiling Influence Surgery?

LOCATION: 259AB

TRACK(S): GEN, OTO

MODERATOR: Russell B. Smith, MD, FACS, *Jacksonville, FL*

CO-MODERATOR: Linwah Yip, MD, FACS, *Pittsburgh, PA*

The incidence of thyroid cancer and thyroid surgery is increasing each year. Many lesions are removed based on

indeterminate fine-needle biopsy results by the Bethesda classification system. In indeterminate needle biopsy results, a challenge remains for guiding patients with the safest options for care. Recently, genetic evaluation of thyroid needle biopsy samples has become available to help with decision making for indeterminate lesions. In this session, experts will provide their own approach to when they consider genetic testing of value in the evaluation of thyroid nodules. Emphasis will be placed on studies that demonstrate sensitivity and specificity of genetic testing and how cost may relate to outcomes.

Introduction and Thyroid Nodule Evaluation
Russell B. Smith, MD, FACS, *Jacksonville, FL*

Afirma and Rosetta Testing for Indeterminate Nodules
Jennifer L. Marti, MD, FACS, *New York, NY*

ThyroSeq and ThyGenX/ThyraMIR Testing for Indeterminate Nodules
Michael W. Yeh, MD, FACS, *Los Angeles, CA*

Molecular Testing in Unique Populations
Erik K. Alexander, MD, *Boston, MA*

Molecular Testing: Does It Really Help?
Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

Case Presentations
Linwah Yip, MD, FACS, *Pittsburgh, PA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head and Neck Surgery

PS335 | 4:15-5:45 pm

Surgery Resident Well-Being: Achieving Quadruple Aim

LOCATION: 257AB

TRACK(S): EDU, ETH, RES-MED

MODERATOR: Erica L. Mitchell, MD, MEdSE, FACS, *Portland, OR*

CO-MODERATOR: Edward S. Shipper, MD, *San Antonio, TX*

The importance of physician well-being has emerged as a priority and is widely considered to be a goal of health care delivery with quadruple aim. The widening gap between societal expectations and professional reality has set the stage for physician-provider loss of empathy, burnout, alienation, depression, addiction and substance abuse, and physician/trainee suicide. The purpose of this session is to: (1) discuss principal causes of physician/trainee burnout; (2) describe the impact of the "second victim" to our health care system; (3) frame physicians'/trainees' needs in coping with emotional stressors; and (4) report on current efforts and proposed strategies that support physician/trainee well-being and resilience.

Chronicled Changes in Medical/Surgical Practice for Practitioners in the 21st Century
Michael Goldberg, MD, *Boston, MA*

The Hidden Costs of Physician Burnout: Person and Patient
M. Ashraf Mansour, MD, FACS, *Grand Rapids, MI*

Physician Burnout: What Is it and Why? Effective Strategies to Combat Physician Burnout
Malachi Sheahan III, MD, FACS, *New Orleans, LA*

Sponsored by the Committee on Resident Education and the Resident and Associate Society

PS336 | 4:15-5:45 pm

What's New in Retroperitoneal Sarcoma Care?

LOCATION: 258ABC

TRACK(S): GEN, ONC, VAS

MODERATOR: Alexander A. Parikh, MD, MPH, FACS, *Greenville, SC*

CO-MODERATOR: Kevin G. Billingsley, MD, FACS, *Portland, OR*

Retroperitoneal sarcoma remains a formidable challenge. What have been the recent advances in surgery, chemotherapy, and radiotherapy for these difficult tumors?

Introduction

Alexander A. Parikh, MD, MPH, FACS, *Greenville, SC*

Evaluation and Resectability of Retroperitoneal Sarcomas
Alexander A. Parikh, MD, MPH, FACS, *Greenville, SC*

The Role of Neoadjuvant and Adjuvant Radiation in the Treatment of Retroperitoneal Sarcomas
Yen-Lin Chen, MD, *Boston, MA*

New Developments in Systemic Therapy for Retroperitoneal Sarcomas
Edwin Choy, MD, PhD, *Boston, MA*

The Role of Surgery for Recurrent Disease
Kevin G. Billingsley, MD, FACS, *Portland, OR*

Sponsored by the Commission on Cancer and the Advisory Council for General Surgery

PS337 | 4:15-5:45 pm

I'm a Long Way from the Trauma Center—Practical Suggestions for the Rural Surgeon

LOCATION: 157A

TRACK(S): GEN, PED, RUS, TRA

MODERATOR: Alison M. Wilson, MD, FACS, *Morgantown, WV*

CO-MODERATOR: Susan E. Long, MD, FACS, *Buckhannon, WV*

Twenty percent of the U.S. population resides in rural areas, and the burden of injury is more heavily shouldered in these locations. There are multiple barriers to optimal care in rural environments. This Panel Session will address some specific issues the rural surgeon faces when caring for the injured patient.

Please see the 2018 Program Book Addendum and/or the Clinical Congress 2018 App for a complete agenda.

Sponsored by the Committee on Trauma and the Advisory Council for Rural Surgery

PS338 | 4:15-5:45 pm

Regionalization of Surgical Oncology Care: Pros and Cons

LOCATION: 157BC

TRACK(S): GEN, HP, RUS

MODERATOR: Nader N. Massarweh, MD, MPH, FACS, *Seattle, WA*

CO-MODERATOR: Robert P. Sticca, MD, FACS, *Grand Forks, ND*

A number of large, population-based studies have demonstrated better outcomes at high-volume centers for a variety of surgical procedures including pancreatectomy and esophagectomy. In the current era of market consolidation, many large health care systems are building surgical

oncology programs that provide the necessary ancillary services and management strategies to deliver better outcomes in this patient population. These programs have been the focus of marketing campaigns, thereby influencing the decisions of patients, policymakers, and insurance companies.

Introduction

Nader N. Massarweh, MD, FACS, *Seattle, WA*

Robert P. Sticca, MD, FACS, *Grand Forks, ND*

Pros of Regionalizing Surgical Oncology Care

Sandra L. Wong, MD, MS, FACS, *Ann Arbor, MI*

Cons of Regionalizing Surgical Oncology Care

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Veteran Affairs as a Model for Regionalizing Surgical Oncology Care

Kamal M. F. Itani, MD, FACS, *West Roxbury, MA*

Regionalization in Other Countries: Does it Work?

David R. Urbach, MD, FACS, *Toronto, ON*

Sponsored by the Advisory Council for Rural Surgery and the Advisory Council for General Surgery

Thursday, October 25

PS401 | 8:00-9:30 am

Ten Hot Topics in General Surgery



LOCATION: Ballroom East

TRACK(S): GEN

MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

CO-MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

In this popular session, the panelists review 10 of the hottest topics in general surgery selected from the ACS General Surgery Communities, recent surgery meetings, and the literature.

Approaches to Femoral Hernia

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Pure Tissue Repair of Inguinal Hernia: Resurrection of a Lost Art

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Management of Symptomatic Gallstones in Pregnancy

Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Laparoscopic Lavage vs. Hartmann Procedure for Perforated Diverticulitis

Patricia L. Roberts, MD, FACS, FASCRS, *Burlington, MA*

Oh, No! An Incorrect Count: Now What?

Steven M. Steinberg, MD, FACS, *Columbus, OH*

Hyperthyroidism: When Do I Recommend Surgery and What Is the Extent of Resection?

Herbert Chen, MD, FACS, *Birmingham, AL*

Current Management of Breast Abscess

Wendy R. Greene, MD, FACS, FCCM, *Atlanta, GA*

Incidental Liver Lesions: Treat or Observe?

Cristina R. Ferrone, MD, FACS, *Boston, MA*

Pneumatosis Intestinalis: Incidental or Catastrophic?

Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

Newer Approaches to Pancreatic Necrosis

Steven J. Hughes, MD, FACS, *Gainesville, FL*

Sponsored by the Advisory Council for General Surgery

PS402 | 8:00-9:30 am

Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)



LOCATION: 160BC

TRACK(S): CTS, EDU, GEN, HP, TRA

MODERATOR: Jonah J. Stulberg, MD, PhD, MPH, FACS, *Chicago, IL*

CO-MODERATOR: Melissa Vanover, MD, *Sacramento, CA*

In 2015, there were 52,404 lethal drug overdoses; of these nearly two-thirds involved an opioid. As surgeons manage postoperative pain in their patients, strategies to judiciously prescribe and advise patients if, when, and how to use opioids and a variety of alternative pain medications are needed. Implementation of opioid-sparing alternatives and pain management protocols, particularly in conjunction with enhanced recovery guidelines, will be discussed with evidence provided from institutions and across surgical specialties. Algorithms to manage the opioid-naïve as well as opioid-tolerant patient will also be highlighted. Opioid-sparing perioperative interventions will also be highlighted such that the surgical team will emerge with a higher level of awareness of acute pain management techniques that can be used pre-, intra- and postoperatively. The educational content presented may be used to satisfy the surgeon's controlled substances or pain management CME requirements for state licensing boards.

Introductions

Jonah J. Stulberg, MD, PhD, MPH, FACS, *Chicago, IL*

Patient Engagement: Setting Expectations and Implementing a Graded Approach for Pain Control

Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*

Pre- and Intraoperative Multimodal Pain Therapy

Michael A. Ashburn, MD, MPH, *Philadelphia, PA*

Postoperative Pain Management for the Hospitalized Patient

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Transition of Care to the Outpatient Setting: Decreasing Readmissions and Complications

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Introductions

Jonah J. Stulberg, MD, PhD, MPH, FACS, *Chicago, IL*

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Postoperative Pain Management for the Hospitalized Patient

Michael D. Sarap, MD, FACS, *Cambridge, OH*

Transition of Care to the Outpatient Setting: Decreasing Readmissions and Complications

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Sponsored by the Patient Education Committee and the Advisory Council for General Surgery

PS403 | 8:00-9:30 am

Are We Doing Too Many Bilateral Mastectomies?



LOCATION: 258ABC

TRACK(S): GEN, ONC

MODERATOR: Ingrid M. Meszoely, MD, FACS, *Nashville, TN*

CO-MODERATOR: Chantal Reyna, MD, FACS, *The Woodlands, TX*

The rise in the rate of bilateral mastectomy for unilateral cancer has been explosive. What are the reasons for this? Is this acceptable? Should we develop approaches to this problem that will reduce the rate of bilateral mastectomy? What patients are appropriate for bilateral mastectomy?

History and Trends of Contralateral Prophylactic Mastectomy and Trends

Anees B. Chagpar, MD, MSc, MPH, MA, MBA, FRCSC, FACS, *New Haven, CT*

Hereditary Breast Cancer and Its Influence on Contralateral Prophylactic Mastectomy

Christine Laronga, MD, FACS, *Tampa, FL*

Psychosocial Effects of Contralateral Prophylactic Mastectomy

Jennifer K. Plichta, MD, MS, *Durham, NC*

Shared Decision-Making Regarding Bilateral Mastectomies

Cindy B. Matsen, MD, *Salt Lake City, UT*

Sponsored by the Advisory Council for General Surgery and the Commission on Cancer

PS404 | 8:00-9:30 am

Ten Hot Topics in Surgical Patient Safety



LOCATION: 157BC

TRACK(S): EDU, GEN, TRA

MODERATOR: Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*

CO-MODERATOR: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

This session will highlight 10 topics in patient safety, which are influenced by evolving best practices and emerging technologies with a major focus on perioperative harm prevention and risk-mitigation strategies. Topics include prehabilitation for surgery, venous thromboembolism (VTE) prevention, eliminating health care-associated infection, unintended retained items, failure to rescue, and prevention of misidentification errors.

Prehabilitation for Surgery

Julie K. Marosky Thacker, MD, FACS, FASCRS, *Durham, NC*

Venous Thromboembolism (VTE) Prevention

Matthew D. Neal, MD, FACS, *Pittsburgh, PA*

Eliminating Health Care-Associated Infection

Robert G. Sawyer, MD, FACS, *Kalamazoo, MI*

Unintended Retained Items

David E. Eibling, MD, FACS, *Pittsburgh, PA*

Prevention of Misidentification Errors

David E. Eibling, MD, FACS, *Pittsburgh, PA*

Failure to Rescue

Sara A. Hennessy, MD, FACS, *Dallas, TX*

Harnessing Technology to Improve Safety

Heather L. Evans, MD, MS, FACS, *Seattle, WA*

Acute Kidney Injury

Matthew R. Rosengart, MD, MPH, FACS, *Pittsburgh, PA*

Surgical Attire

Jacob Moalem, MD, FACS, *Rochester, NY*

Readmissions

Elizabeth C. Wick, MD, FACS, *San Francisco, CA*

Sponsored by the Surgical Research Committee and the Committee on Perioperative Care

PS405 | 8:00-9:30 am

Molecular Profiling to Guide Cardiac and Thoracic Surgery



LOCATION: 259AB

TRACK(S): BTR, CTS, ONC

MODERATOR: Y. Joseph Woo, MD, FACS, *Stanford, CA*

CO-MODERATOR: Andrew C. Chang, MD, FACS, *Ann Arbor, MI*

The science of molecular profiling is moving along at a pace at which surgeons may have a difficult time maintaining a relevant and working knowledge. Understanding the fundamental aspects of this topic can help surgeons stay abreast of ongoing discoveries and also remain well versed in their interactions with their nonsurgical peers. Furthermore, a strong working knowledge of this topic can allow surgeons to recognize when genomic profiling may be of greatest benefit to their patients. Having an understanding of topics such as fundamental differences between genomics and proteomics, whole exome sequencing, the cancer genome atlas, and the role of genomic profiling guiding therapy in lung cancer and esophageal cancer, as well as favorably altering outcomes associated with cardiac surgery, can be a potentially useful body of knowledge.

Introduction

Y. Joseph Woo, MD, FACS, *Stanford, CA*

Molecular Profiling in Esophageal Cancer

Dennis A. Wigle, MD, PhD, FACS, *Rochester, MN*

Molecular Correlates for Classification of Lung Cancer

Matthew J. Bott, MD, *New York, NY*

Exosomes in Heart Failure: Biomarker and Therapy

Pavan Atluri, MD, FACS, *Philadelphia, PA*

Serum-Based Molecular Markers of Post-Cardiopulmonary Bypass Neurologic Injury

Neel R. Sodha, MD, *Providence, RI*

Transcriptome Profiling in Postoperative Atrial Fibrillation

Anson M. Lee, MD, *Palo Alto, CA*

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS406 | 8:00-9:30 am

Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement



LOCATION: 153ABC

TRACK(S): GEN, NEU, RES-MED, RUS

MODERATOR: David J. Welsh, MD, FACS, *Batesville, IN*

CO-MODERATOR: Karen B. Zur, MD, *New York, NY*

Ergonomic injuries present a growing problem for surgeons. There is often a lag from the exposure of the trigger that leads to the injury and recognition of the injury. The 2017 ACS Governors' Survey reviewed the ergonomic problem, looking at the extent and recognition of this issue. The information will be presented to the Fellows with options to help remedy this growing challenge.

Introduction

David J. Welsh, MD, FACS, *Batesville, IN*

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Results of the Governors' Survey and the Ergonomic Issue
Juan C. Paramo, MD, FACS, *Miami Beach, FL*

Ergonomic Injuries—Next Steps

Philip R. Caropreso, MD, FACS, *Iowa City, IA*

Ergonomic Injuries and the Young Surgeon

Maya A. Babu, MD, MBA, *Eagan, MN*

Treatment for Ergonomic Injuries Including Lumbar Injuries

Yvonne Savarise, PT, DPT, *Park City, UT*

*Sponsored by the Board of Governors Survey Workgroup
and the Board of Governors Physician Competency and
Health Workgroup*

PS407 | 9:45-11:15 am

Where Will the Rural Surgeon Work?



LOCATION: 259AB

TRACK(S): HP, RUS

MODERATOR: Philip R. Caropreso, MD, FACS, *Iowa City, IA*

CO-MODERATOR: James A. Anderson, MD, FACS, *Casper, WY*

While there is a recognized shortage of rural surgeons, there is an increasing crisis of access to any kind of care in rural America. Hospitals in rural areas closing at record rates, there is a developing desert of infrastructure developing. Panelists will talk about rural economics, health care policy changes that have affected hospital viability, whether partnerships with larger facilities are working, and where to locate an anesthesiologist.

Introduction and Rural Demographics

Philip R. Caropreso, MD, FACS, *Iowa City, IA*

Where Has a Rural Surgeon from the Baby Boomer Generation Worked?

Patrick L. Molt, MD, FACS, *Fairfield, IL*

Where Has a Rural Surgeon from Generation X Worked?

Russell J. Juno, MD, FACS, *La Grange, TX*

Causes and Predications of the Future: Preventive Measures—Only Doom

Tyler G. Hughes, MD, FACS, *Salina, KS*

Summary and Conclusions

James A. Anderson, MD, FACS, *Casper, WY*

Sponsored by the Advisory Council for Rural Surgery

PS408 | 9:45-11:15 am

Achieving Optimal Care of Necrotizing Soft-Tissue Infections



LOCATION: Ballroom East

TRACK(S): GEN, PLA, TRA, URO

MODERATOR: Eileen M. Bulger, MD, FACS, *Seattle, WA*

CO-MODERATOR: Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

This session will discuss clinical/laboratory predictors for patients at high risk of having a necrotizing soft-tissue infection (NSTI), and it will discuss surgical treatment and wound management, and the appropriate choice and duration of antimicrobial therapy after source control.

Novel Approaches to Managing Patients with NSTI

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Antimicrobial Options in Managing NSTI

Addison K. May, MD, FACS, *Nashville, TN*

Planning Reconstruction at the Time of Debridement

Kari A. Keys, MD, FACS, *Seattle, WA*

*Sponsored by the Committee on Trauma and the Advisory
Council for Urology*

PS409 | 9:45-11:15 am

Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)



LOCATION: 160BC

TRACK(S): CTS, EDU, GEN, HP, TRA

MODERATOR: John A. Weigelt, MD, DVM, FACS, *Sioux Falls, SD*

CO-MODERATOR: Cornelius A. Thiels, DO, MBA, *Rochester, MN*

Algorithms to effectively manage surgical pain in patients who are opioid-dependent, using, or recovering from misuse, or who are in pain when first seen are urgently needed. While surgical procedures for these patients may differ, the goal of reducing opioid use to manage pain remains the same. This panel will highlight, through specific cases, how screening practices, working with pain management specialists, and employing multimodal analgesia in conjunction with minimal opioid dosing are effective strategies to manage pain, reduce complications, and improve functional and quality outcomes in patients with complex medical histories.

Introductions

John A. Weigelt, MD, DVM, FACS, *Sioux Falls, SD*

Patient Engagement and Assessing the Risks for Subsequent Opioid Misuse in Surgical Patients

Richard W. Rosenquist, MD, *Cleveland, OH*

How to Manage the Patient with Pre-existing Opioid Use

Carolyn Lefkowitz, MD, *Aurora, CO*

Multimodal and Multidisciplinary Team Approaches to Pain Management

David A. Kooby, MD, FACS, *Atlanta, GA*

Pain Management and the Geriatric Patient

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Sponsored by the Patient Education Committee, the Committee on Pain Management in Surgery, and the Advisory Council for General Surgery

PS410 | 9:45-11:15 am

Ten Hot Topics in Surgical Oncology



LOCATION: 258ABC

TRACK(S): ONC

MODERATOR: David L. Bartlett, MD, FACS, *Pittsburgh, PA*

CO-MODERATOR: James R. Howe, MD, FACS, *Iowa City, IA*

This program will focus on 10 of the most current and controversial issues in surgical oncology. It will include short, focused discussions on the evolving indications for surgery in melanoma patients in the era of effective immune therapies, the optimal use of neoadjuvant chemotherapy for gastric cancer, the appropriate management of mucinous appendix tumors, and the latest data on how surgical stress and complications may negatively impact

cancer recurrence. This program will also address updates in the management of retroperitoneal sarcomas and desmoid tumors, the management of positive sentinel nodes and the indications for surgery of the axilla after neoadjuvant therapy in breast cancer. Finally, the session will address the state of the evidence for minimally invasive surgery for rectal cancer, and what surgeons should know about molecular testing in colorectal cancer.

Is There a Role for Nodal Dissection in Patients with Melanoma?

Kenneth K. Tanabe, MD, FACS, *Boston, MA*

Adjuvant Immunotherapy and Targeted Therapies for Patients with Melanoma

Kenneth K. Tanabe, MD, FACS, *Boston, MA*

Watch and Wait for Rectal Cancer: Where Are We?

Philip B. Paty, MD, FACS, *New York, NY*

Patient-Derived Organoids: Response Predictors in Gastrointestinal Cancer

Philip B. Paty, MD, FACS, *New York, NY*

Contemporary Management of the Axilla

Tari A. King, MD, FACS, *Boston, MA*

The Eighth Edition of the *American Joint Committee on Cancer (AJCC) Staging Manual*: Incorporating Biology into Staging

Tari A. King, MD, FACS, *Boston, MA*

The Management of Small-Volume Peritoneal Metastases

David L. Bartlett, MD, FACS, *Pittsburgh, PA*

Locally Advanced Gastric Cancer: The Roles of Laparoscopy, Chemotherapy, and Palliative Gastrectomy

David L. Bartlett, MD, FACS, *Pittsburgh, PA*

The Increasing Incidence of Neuroendocrine Tumors and How to Identify Them

James R. Howe, MD, FACS, *Iowa City, IA*

General Principles for Managing Small Bowel Neuroendocrine Tumors

James R. Howe, MD, FACS, *Iowa City, IA*

Sponsored by the Division of Education and the Commission on Cancer

PS411 | 9:45-11:15 am

Ten Hot Topics in Health Care Reform



LOCATION: 160A

TRACK(S): HP

MODERATOR: Patrick V. Bailey, MD, FACS, FAAP, *Washington, DC*

CO-MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

This panel will explore new requirements for surgeons participating in Medicare and other federal programs. Learn how the American College of Surgeons is responding to these new requirements and what surgeons must do in order to participate.

American College of Surgeons: Grassroots

Ross F. Goldberg, MD, FACS, *Phoenix, AZ*

American College of Surgeons: Legislative Efforts

James W. Gigantelli, MD, FACS, *Omaha, NE*

American College of Surgeons: Physician Reimbursement Efforts

Linda M. Barney, MD, FACS, *Dayton, OH*

Sponsored by the Health Policy and Advocacy Workgroup

THE OWEN H. WANGENSTEEN SCIENTIFIC FORUM

The Scientific Forum (SF) program provides a platform for scientific and surgical researchers across all levels of training and experience, including junior scientific investigators (surgery residents, medical students, and surgeons who have recently completed their training), to present their original research work before a national audience for the first time. More than 700 abstracts will be presented Monday through Wednesday.

Continuing Medical Education credit is offered for these sessions.

The Scientific Forum features select "Quick Shot" three-minute, oral abstract presentations. Quick Shot presentations are highlighted in gray throughout this Scientific Forum section.



Ribbon icon indicates abstract is the 2018 Excellence in Research Award Recipient.

The Scientific Forum Committee is sponsoring or cosponsoring the following sessions:

Wednesday, October 24

PS324 | 12:45-2:15 pm

Implementation Science: The Avenue Forward in Health Services Research

LOCATION: 153ABC

PS326 | 2:30-4:00 pm

Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes

LOCATION: Ballroom West

Thursday, October 25

TH402 | 7:00-7:45 am

Best Practices in Recruitment and Retention

LOCATION: 258ABC

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Monday, October 22

SF101 | 9:45-11:15 am

Breast I

LOCATION: 102AB

TRACK(S): GEN, ONC

MODERATORS:

Lee G. Wilke, MD, FACS, *Madison, WI*

Julie A. Margenthaler, MD, FACS, *St. Louis, MO*

Discordance of Hormonal Receptor, Human Epidermal Growth Factor Receptor2, and Ki67 between Primary Breast Cancer and Synchronous Axillary Node Metastasis

Kosho Yamanouchi, MD, PhD; Hiroko Kinoue, MD; Sayaka Kuba, MD, PhD; Michi Morita, MD, PhD; Chika Sakimura, MD, PhD; Kazuma Kobayashi, MD, PhD; Kengo Kanetaka, MD, FACS; Mitsuhsa Takatsuki, MD, PhD, FACS; Naomi Hayashida, MD, PhD; Susumu Eguchi, MD, FACS; *From Nagasaki University, Nagasaki, Japan*

Impact of Oncotype DX Recurrence Score on Adjuvant Chemotherapy Recommendations in Young Patients (Age =40) with Breast Cancer

Keisha G. Dodman, MD; Austin D. Williams, MD, MEd; Lucy M. De La Cruz, MD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Functional "Hotness" Score of Cytotoxic T Lymphocytes Infiltration in Tumor Microenvironment Is a Stronger Prognostic Factor of Breast Cancer Patients' Overall Survival than CTLs Infiltration

Eriko Katsuta, MD, PhD; Li Yan; Pawel Kalinski, MD, PhD; Kazuaki Takabe, MD, PhD, FACS; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY*

Abundance of Antigen Presenting Cell (APC) Markers Is Associated with Favorable Prognosis in Triple Negative Breast Cancer (TNBC)

Divyansh Agarwal, MS; Alycia So; Austin D. Williams, MD, MEd; Paul J. Zhang, MD; Stacy Ugras, MD; Jean S. Campbell, PhD; Lauri D. Aicher, MS; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA, The Fred Hutchinson Cancer Research Center, Seattle, WA*

Stromal Cell-Derived Factor1 α Promotes Invasion and Migration of Breast Cancer Cells through PI3K/AKT and MAPK/ERK Pathways

Ouyang Liquean, MD; *From Union Hospital, Tongji Medical College, Huazhong University, Wuhan, China*

Utility of Oncotype Dx in Male Breast Cancer Patients and Impact on Chemotherapy Administration A Comparative Study with Female Patients

Christopher M. McGreevy, MD; Austin D. Williams, MD, MEd; Julia C. Tchou, MD, FACS; Lucy M. De La Cruz, MD; *From University of Pennsylvania, Philadelphia, PA*

Insurance Status and Health Disparities among Female Breast Cancer Patients

Mindy M. Kim; Triet Vincent M. Tran; Kevin A. Nguyen, MS; *From Massachusetts General Hospital, Boston, MA, UT Southwestern Medical Center, Dallas, TX, Yale School of Medicine, New Haven, CT*

Second Generation Proteasome Inhibitor Is More Potent than Doxorubicin (Firstline Drug) in Inhibiting Proliferation and Inducing Apoptosis in Human Triplenegative Breast MDAMB231 Cancer Cells

Lakshmi S. Chaturvedi, PhD; Dinesh Vyas, MD; *From San Joaquin General Hospital, French Camp, CA, California Northstate University, Elk Grove, CA*

Higher CD73 Expression Is Associated with Poor Prognosis in ER-Positive Breast Cancer (BC)

Eriko Katsuta, MD, PhD; Subhamoy Dasgupta, PhD; Li Yan; Kazuaki Takabe, MD, PhD, FACS; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY*

Body Mass Index and Risks of Recurrence and Mortality by Breast Cancer Subtype

Francys C. Verdial, MD; Sara H. Javid, MD, FACS; Mei-Tzu C. Tang, PhD; Peggy L. Porter, MD; Linda S. Cook, PhD; Christopher I. Li, MD, PhD; *From University of Washington, Seattle, WA, Fred Hutchinson Cancer Research Center, Seattle, WA, University of New Mexico Comprehensive Cancer Center, Albuquerque, NM*

SF103 | 9:45-11:15 am

Surgical Oncology I

LOCATION: 157BC

TRACK(S): ONC

MODERATORS:

Jen Jen Yeh, MD, FACS, *Chapel Hill, NC*

Jason K. Sicklick, MD, *La Jolla, CA*

Clonal Analysis of Local Fibroblasts in Wound Healing and Tumor Stroma

Deshka S. Foster, MD; Ryan C. Ransom; Alan T. Nguyen; Ankit Salhotra; Ruth E. Jones, MD; Michael S. Hu, MD, MPH, MS; Jeffrey A. Norton, MD, FACS; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Genomic Clustering Identifies an Aggressive Subset of Myxofibrosarcoma and Undifferentiated Pleomorphic Sarcoma Sensitive to mTOR and IGF1 Receptor Inhibitors

George Z. Li, MD; Nicholas D. Socci, PhD; Ronglai Shen, PhD; Samuel Singer, MD, FACS; *From Memorial Sloan Kettering Cancer Center, New York, NY*



Circulating T Cell Biomarkers to Predict Response to Immune Checkpoint Inhibitors

Takayoshi Yamauchi, PhD; Toshifumi Hoki, MD, PhD; Hongbin Chen, MD, PhD; Saby George, MD, FACP; Grace Dy, MD; Gurkamal S. Chatta, MD; Igor Puzanov, MD, MSCI, FACP; Brahm Segal, MD; Marc Ernstoff, MD; Fumito Ito, MD, PhD; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY*

Secretion of SDF1/CXCL12 by Stromal Fibroblasts Shields Pancreatic Cancer from Immune Response

Anthony R. Ferrantella, MD; Bharti Garg, PhD; Bhuwan Giri, MD; Shrey Modi, MD; Vrishketan Sethi, MD; Saba Kurtom, MD; Sundaram Ramakrishnan, MSc, PhD; Eli Gilboa, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

Loss of TGF β /SMAD Function Induces Interleukin1 α to Mediate Epithelial-to-Mesenchymal Transition (EMT) in Pancreatic Cancer

Austin R. Dosch, MD; Fanuel Messaggio, PhD; Alexander Gaidarski, MD; Xizi Dai, PhD; Michael N. VanSaun, PhD; Nagaraj Nagathihalli, PhD; Nipun B. Merchant, MD; *From University of Miami, Miami, FL*

A Reciprocal Regulation of lncRNA F083 and HIF1 α Promotes Pancreatic Cancer Progression

Gang Zhao; Zhu Zeng, MD; Shijiang Deng, MD; Wei Li, MD; Yi Niu, MD; Yang Liu, MD; Zeng Ye, MD; JianXin Zhong, MD; MingLiang Liu, MD; HengYu Chen, MD; *From Huazhong University of Science and Technology, Wuhan, China*

Gut Microbiota Depletion Decreases Liver Metastases in Pancreatic Cancer

Saba Kurtom, MD; Vrishketan Sethi, MD; Bhuwan Giri, MD; Anthony R. Ferrantella, MD; Bharti Garg, PhD; Harrys K. Jacob, PhD; Shweta Lavania, MS; Sabita Roy, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

Stromal Heat Shock Factor1 (HSF1) Promotes Tumor Progression in Pancreatic Cancer

Anthony R. Ferrantella, MD; Bharti Garg, PhD; Bhuwan Giri, MD; Vrishketan Sethi, MD; Saba Kurtom, MD; Harrys K. Jacob, PhD; Shweta Lavania, MS; Sulagna Banerjee, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

SF104 | 9:45-11:15 am

Surgical Education I

LOCATION: 161

TRACK(S): EDU

MODERATORS:

James N. Lau, MD, FACS, *Stanford, CA*

Candice A. Marcum Sauder, MD, Med, *Sacramento, CA*

Variations in Data Visualization and Barriers to Adoption of Risk Assessment Tools for Young Surgeons

Ira L. Leeds, MD; Andrew J. Rosenblum; Paul E. Wise, MD, FACS, FASCRS; Anthony C. Watkins, MD, FACS; Matthew I. Goldblatt, MD, FACS; Elliot R. Haut, MD, PhD, FACS; Jonathan E. Efron, MD, FACS; Fabian M. Johnston, MD, FACS; *From Johns Hopkins University, Baltimore, MD, Washington University, MO, Weill Cornell Medical College, New York, NY*

Resident Sensitive Processes of Care: The Impact of Individual Surgical Residents on Laboratory Testing

Clifford C. Shekter, MD; Jeffrey Jopling, MD; Qian Ding, MS; Amber W. Trickey, PhD; Todd Wagner, PhD; Arden M. Morris, MD, FACS; Mary T. Hawn, MD, FACS; *From Stanford University, Stanford, CA*

Differences between Perceived and Actual Opioid Prescription Patterns among General Surgery Residents and Attendings

William Z. Chancellor, MD; Elizabeth D. Krebs, MD; Jared P. Beller, MD; Traci L. Hedrick; Michael D. Williams, MD, FACS; *From University of Virginia, Charlottesville, VA*

The Effect of Patient Code Status on Surgical Resident Decision Making

Miriam Y. Neufeld, MD; Bedabrata Sarkar, MD, PhD; Renda S. Wiener, MD, MPH; Elizabeth K. Stevenson, MD, MS; Chaitan K. Narsule, MD, FACS; *From Boston University, Boston, MA, Lahey Hospital and Medical Center, Burlington, MA*

Outcomes Associated with Insertion of Indwelling Catheters by Medical Students in the Operating Room

Leah C. Tatebe, MD; Trevor J. Barnum, RN; Irene B. Heleynowski, PhD; Anthony D. Yang, MD, MS; Amy L. Halverson, MD, FACS, FASCRS; David D. Odell, MD; *From Northwestern University, Chicago, IL*

Just a Nudge: Applying Behavioral Incentives to Engage Residents in Quality Improvement Education



Ashley C. Wietsma, MD; Eugene B. Cone, MD; Jonathan Bergman, MD; Tannaz Moin, MD, MBA, MSHS; Arlene Fink, PhD; B. Price Kerfoot, MD, EdM; Charles D. Scales, MD, MSHS; *From Duke University, Durham, NC, University of California, Los Angeles, Los Angeles, CA, Harvard Medical School, Boston, MA*

Stop the Bleed®: An Assessment of Medical Student Knowledge of Bleeding Control Techniques

Kelsey M. Evans, MS; Shannon W. Longshore, MD, FACS; Bryan Lake, RN; Eric A. Toschlog, MD, FACS; Walter J. Pories, MD, FACS; Danielle S. Walsh, MD, FACS; *From East Carolina University, Greenville, NC*

Well-Being Program Demonstrates Early Improvement in General Surgery Residency

Ryan J. Hendrix, MD; Jorind Beqari; Michael Winton, MD; Jennifer S. Davids, MD, FACS; Ulises Torres, MD; Anne C. Larkin, MD, FACS; Jennifer LaFemina, MD, FACS; *From University of Massachusetts, Worcester, MA*

Educational Targets to Reduce Medication Errors in General Surgery Residents

Alexander Chaitoff, MPH; Andrew T. Strong, MD; Seth R. Bauer, PharmD; Ari Garber, MD, EdD; Judith French, PhD; Joshua Landreneau, MD, MSc; John H. Rodriguez, MD, FACS; Maged Rizk, MD; Michael B. Rothberg, MD, MPH; Jeremy M. Lipman, MD; *From Cleveland Clinic, Cleveland, OH*

Overlapping Surgeries: A Study of Attending-Resident Congruity in the Operating Room

Brian P. Calio, Jr; Mihir Shah, MD; Patrick S. Sullivan; Scott G. Hubosky, MD; Edouard J. Trabulsi, MD, FACS; Costas D. Lallas, MD, FACS; *From Thomas Jefferson University Hospital, Philadelphia, PA*

SF105 | 9:45-11:15 am

e-Poster Rounds I

LOCATION: 253ABC

TRACK(S): BTR, CTS, ETH, GEN, OBG, OPHTHO, ORT, OTO,
e-Posters are listed in the Scientific Forum e-Poster section on page 161.

SF106 | 9:45-11:15 am

Health Services Research I

LOCATION: 160BC

TRACK(S): HP

MODERATORS:

Zara Cooper, MD, FACS, *Boston, MA*

Samuel R. G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

How Much Does Technical Skill Matter When Predicting Patient Outcomes?

Jonah Stulberg, MD, FACS; Reiping Huang, PhD; Lindsey Kreutzer, MPH; Kristen A. Ban, MD; Bradley J. Champagne, MD, FACS; Scott R. Steele, MD, FACS; Julie K. Johnson, MSPH, PhD; Jane L. Holl, MD, MPH; Karl Y. Bilimoria, MD, MS, FACS; *From Northwestern University, Chicago, IL, American College of Surgeons, Chicago, IL, Cleveland Clinic, Cleveland, OH*

How Teaching Hospitals Have Achieved Slower Growth in Operating Room Costs

Christopher P. Childers, MD; Melinda Maggard Gibbons, MD, MSHS; *From University of California, Los Angeles, Los Angeles, CA*

Are Residents Prepared for General Surgery Residency? A National Mixed-Methods Study on Predictors of and Perspectives on Readiness for Residency

Kathryn E. Engelhardt, MD; David D. Odell, MD; Julie K. Johnson, MSPH, PhD; Brock Hewitt, MD, MPH; Jeanette W. Chung, PhD; Lindsey Kreutzer, MPH; Remi R. Love, MPPA; Allison R. Dahlke, MPH; Eddie Blay, MD; Karl Y. Bilimoria, MD, MS, FACS; *From Northwestern University, Chicago, IL, Medical University of South Carolina, Charleston, SC, Thomas Jefferson University Hospital, Philadelphia, PA*

The Macroeconomic Burden of Firearm Mortality in the U.S., UK, and Australia

Alexander W. Peters, MD; Mark G. Shrive, MD, MPH, PhD, FACS; Blake Alkire, MD, MPH; *From Harvard Medical School, Boston, MA, Weill Cornell Medical College, New York, NY*

Initial Opioid Supply Influences Long-Term Use and Doctor Shopping: An Instrumental Variables Approach

Matthew F. Basilio, BA, MA; Abhiram R. Bhashyam, MD, MPP; Emma Harrington, BA, MA; Marilyn Heng, MD, MPH, FRCSC; *From Harvard Medical School, Boston, MA*

Operating Room Attire Policy: Favoring Action over Evidence Does Not Yield Results

Adham Elmously, MD; Katherine D. Gray, MD; Fabrizio Michelassi, MD, FACS; Cheguevara Afaneh, MD; Arash Salemi, MD, FACS; Anthony C. Watkins, MD, FACS; Alfons Pomp, MD, FACS, FRCSC; *From New York Presbyterian Hospital, New York, NY*

Contemporary Pathologic Outcomes after Appendectomy for Acute Uncomplicated Appendicitis

Christopher P. Childers, MD; Jill Q. Klausner, MD; Melinda Maggard Gibbons, MD, MSHS; *From University of California, Los Angeles, Los Angeles, CA*

SF127 | 9:45-11:15 am

Military

LOCATION: 160A

TRACK(S): TRA

MODERATORS:

Gordon G. Wisbach, MD, MBA, FACS, *San Diego, CA*

Jennifer Gurney, MD, FACS, *San Antonio, TX*

The Impact of Age on the Accuracy of Predicted Operative Mortality for Primary Rectal Cancer

Vanita Ahuja, MD, MPH, FACS; Joshua Wolf, MD; David Blumberg, MD; Mark R. Katlic, MD, MMM, FACS; Christopher R. D'Adamo, PhD; JoAnn Coleman, DNP, ACNP, AOCN, GCN; *From Johns Hopkins, Baltimore, MD, University of Maryland, Baltimore, MD, Sinai Hospital, Baltimore, MD*

Feasibility of Surgical Intervention aboard Non-Traditional U.S. Navy Vessels

Cameron Lindemann; Tuan Hoang, MD, FACS; Holly Spitzer; Anthony J. LaPorta, MD, FACS; Eric C. Pierce, MS; Matthew T. Pena, MD; Reginald J. Franciose, MD, FACS; Nita L. Shattuck, PhD; Cameron R. Bass, PhD; *From Naval Surface Warfare Center, Panama City, FL, Rocky Vista University School of Medicine, Parker, CO, Duke University, Durham, NC*

Military and Civilian Collaborative Partnership and Surgical Care Quality: A Blueprint for Success

Peter A. Learn, MD, FACS; Pierre F. Saldinger, MD; Mollie J. Mullen, RN; Peter Kreishman, MD, FACS; Paul R. Cordts, MD; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS; Margaret Knudson, MD, FACS; Eric A. Elster, MD, FACS; *From the Uniformed Services University of the Health Sciences, Bethesda, MD*

Quality of Thoracic Lymph Node Evaluation in the Department of Defense According to the American College of Surgeons Commission on Cancer Surveillance Measure: Is There a Survival Benefit?

Bethany M. Heidenreich, DO; Andrew S. Durkee, DO; Julia Bader, PhD; Eric P. Ahnfeldt, DO, FACS; Vincent J. Mase, MD; *From William Beaumont Army Medical Center, El Paso, TX*

Successful Implementation of an Appendectomy Process Improvement Protocol

Matthew J. Bradley, MD, FACS; Angela T. Kindvall, RN, CMSRN; Judy Logeman, MSN; Jeffrey A. Bailey, MD, FACS; Eric A. Elster, MD, FACS; Carlos J. Rodriguez, DO, MBA, FACS; *From Walter Reed National Military Medical Center, Bethesda, MD*

Lessons Learned from the Humanitarian Hurricane Medical Relief Response of the U.S. Army 14th Combat Support Hospital for the People of Humacao, Puerto Rico

Bethany M. Heidenreich, DO; Daniel J. Sessions, MD; Diane F. Hale, MD; Christopher Jordan, MD; Eric P. Ahnfeldt, DO, FACS; *From William Beaumont Army Medical Center, El Paso, TX*

Effects of Fatigue on Surgical Performance and Attentiveness

Holly Spitzer; Tuan Hoang, MD, FACS; Cameron Lindemann; Anthony J. LaPorta, MD, FACS; Eric C. Pierce, MS; Matthew T. Pena, MD; Reginald J. Franciose, MD, FACS; Cameron R. Bass, PhD; Nita L. Shattuck, PhD; *From Naval Surface Warfare Center, Panama City, FL, Rocky Vista University School of Medicine, Parker, CO, Duke University, Durham, NC*

Can Military-Civilian Partnerships Really Prepare Surgeons to Go to War?

Zsolt T. Stockinger, MD, FACS; Caryn A. Turner, MPH; Paul B. Roach, MD, FACS; *From Joint Trauma System, Fort Sam Houston, TX*

Impact of Traumatic Upper Extremity Amputation on the Outcome of Injury Caused by the Antipersonnel Improvised Explosive Device

Shane A. Smith, MD; Mark P. DaCambra, MD, FRCSC; Vivian C. McAlister, MB, FACS; *From University of Western Ontario, London, ON*

Initial Report on a Damage Control Surgery Course for Military Forward Surgical Teams Utilizing a Novel Perfused Cadaver Model for Training and Evaluation

Travis M. Polk, MD, FACS; Daniel J. Grabo, Jr., MD, FACS; Michael Minneti, RRT; Michel J. Kearns, MD; Kenji Inaba, MD, FACS, FRCSC; Elizabeth R. Benjamin, MD, PhD, FACS; Demetrios Demetriades, MD, PhD; *From Navy Trauma Training Center, Los Angeles, CA, West Virginia University, Morgantown, WV, University of Southern California, Los Angeles, CA*

Incisional Negative Pressure Wound Therapy: A Novel Technique to Reduce Early Wound Dehiscence Morbidity of High-Risk Breast Incisions

Aaron Lane, MD; Remigio J. Flor, MD; Cara Reitz, MD; Khang Thai, MD, FACS; Owen N. Johnson, MD, FACS; *From William Beaumont Army Medical Center, El Paso, TX*

SF107 | 11:30 am-1:00 pm
Ethics

LOCATION: 157A

TRACK(S): ETH

MODERATORS:

Eric A. Singer, MD, FACS, *New Brunswick, NJ*
Jennifer Tseng, MD, *Chicago, IL*

Stakeholder Views of Organ Donation before Circulatory Death for Patients Who Do Not Meet Brain Death Criteria

Nathan D. Baggett, MD; Christopher J. Zimmermann, MD; Lauren Taylor, MD; Anne Buffington, MPH; Joseph R. Scalea, MD; Norman Fost, MD, MPH; Kenneth D. Croes, PhD; Joshua D. Mezrich, MD, FACS; Margaret L. Schwarze, MD, MPP, FACS; *From University of Wisconsin - Madison, Madison, WI, University of Maryland, Baltimore, MD*

Utility or Futility? Outcomes of Pediatric Long ECMO Runs

Guillermo J. Ares, MD; Christie Buonpane, MD; Catherine J. Hunter, MD, FACS; *From Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, University of Illinois at Chicago, Chicago, IL, Northwestern University, Feinberg School of Medicine, Chicago, IL*

Comfort Care Directives in Elderly Trauma Patients Presenting to a Level 1 Trauma Center: What Does That Look Like?

Jessica H. Ballou, MD, MPH; David Zonies, MD, FACS; *From Oregon Health and Science University, Portland, OR*

Resident Perspectives on Teaching during Awake Surgical Procedures

Claire S. Smith, MFA; Robert Nolan, BSE; Kristina L. Guyton, MD; Mark Siegler, MD; Alexander Langerman, MD, SM, FACS; Nancy Schindler, MD, FACS; *From The University of Chicago, Chicago, IL*

How Potential Living Kidney Donors (LKDs) View ESRD Risk: A Longitudinal, Multi-Center Study

Carrie Thiessen, MD; Jacqueline Gannon, MPH; Daniel Gray, MS; Kristie Kennedy, MA; Danielle Dobosz; Sienna Li; Adam S. Mussell, MA; Elisa J. Gordon, PhD, MPH; Peter Reese, MD, MSCE; Sanjay Kulkarni, MD; *From Yale School of Medicine, New Haven, CT, University of Pennsylvania, Philadelphia, PA, Northwestern University, Chicago, IL*

Unconscious Racial Bias in Management of Pain Associated with Facial Fractures

Yisi D. Ji; Hayley Hibbard; Edward T. Lahey, DMD, MD, FACS; *From Massachusetts General Hospital, Boston, MA*

Confidentiality Concerns for Surgical Residents as Educational Research Subjects

Alicia Bonanno, MD; Mackenzie R. Cook, MD; Kelly A. Fair, MD; Elizabeth N. Dewey, MS; Laszlo N. Kiraly, MD, FACS; *From Oregon Health and Science University, Portland, OR*

Non-Accidental Trauma Associated with Withdrawal of Care in Severe Pediatric Traumatic Brain Injury

Areg Grigorian, MD; Christian de Virgilio, MD, FACS; Michael E. Lekawa, MD; Divya Ramakrishnan; Rebecca Barros, MD; Eric J. Kuncir, MD, FACS; Jeffrey Nahmias, MD, MHPE; *From University of California, Irvine, Orange, CA, University of California, Los Angeles - Harbor, Torrance, CA*

Surgery's #Metoo Movement - Results of a Sexual Harassment Survey in an Academic Institution

Jacqueline J. Wu, MD, FACS; Susan Kartiko, MD; Aditi M. Kapil, MD; *From Baystate Medical Center, Springfield, MA*

Predicting Which Patients Will Leave AMA

Krista L. Haines, DO; Clayton J. Rust; Suresh Agarwal, MD; *From Duke University Hospitals and Clinics, Durham, NC, University of Wisconsin School of Medicine and Public Health, Madison, WI*

The Unbefriended Patient: What Is the True Cost of Caring for This Vulnerable Population?

Lauren S. Sparber, MS, MD; Michael S. Dauber, MA; Renee McLeod-Sordjan, DNP; William Doscher, MD, FACS; *From Northwell Health North Shore Long Island Jewish, New Hyde Park, NY*

Evaluation of Didactic and Case-Based Surgical Ethics Curriculum for General Surgery Residents

Cassandra C. Krause, MD, MA; Reed F. Krause, MD; Mark E. Reeves, MD, PhD, FACS; Jukes P. Namm, MD; *From Loma Linda University Health, Loma Linda, CA*

SF108 | 11:30 am-1:00 pm

Hepatobiliary and Pancreas I

LOCATION: 102AB

TRACK(S): GEN

MODERATORS:

T. Clark Gamblin, MD, FACS, *Milwaukee, WI*
David J. Bentrem, MD, FACS, *Chicago, IL*

The Natural History of Intraductal Papillary Mucinous Neoplasm of the Pancreas Reappraisal of the Indolent Precursor of Pancreatic Cancer

Giovanni Marchegiani, MD; Stefano Andrianello, MD; Tommaso Pollini, MD; Andrea Caravati, MD; Giuseppe Malleo, MD; Marco Biancotto, MD; Claudio Bassi, MD, FACS; Roberto Salvia, MD, PhD; *From Verona University Hospital, Verona, Italy*

Sensitivity and Specificity Required for Diagnostics or Management Guidelines for IPMN to be Cost Effective

Jeremy Sharib, MD; Kenneth Wimmer; Annabelle L. Fonseca, MD, MHS; Yu Shen, PhD; Eugene J. Koay, MD, PhD; Anirban Maitra, MB, BS; Laura Esserman, MD, MBA; Elissa Ozanne, PhD; Kimberly S. Kirkwood, MD; *From University of California, San Francisco, San Francisco, CA, University of Texas MD Anderson Comprehensive Cancer Center, Houston, TX, University of Utah Huntsman Cancer Institute, Salt Lake City, UT*

Patterns of Recurrence after Resection for Pancreatic Neuroendocrine Tumors: Who, When, and How?

Giovanni Marchegiani, MD; Stefano Andrianello, MD; Gaia Masini, MD; Marco Miotto, MD; Beatrice Bianchi, MD; Giuseppe Malleo, MD; Roberto Salvia, MD, PhD; Claudio Bassi, MD, FACS; Luca Landoni, MD; *From Verona University, Verona, Italy*

Multimodality Management of Ampullary Carcinoma: Analysis from the Ampullary Carcinoma Study Group

Brett L. Ecker, MD; Charles M. Vollmer, Jr., MD, FACS; Stephen W. Behrman, MD; *From University of Pennsylvania, Philadelphia, PA, University of Tennessee, Memphis, TN, University of Verona - Pancreas Institute, Verona, Italy*

A Risk Calculator to Predict Delayed Gastric Emptying after Pancreaticoduodenectomy: An ACS NSQIP® Analysis

Linda M. Pak, MD; David A. Mahvi, MD, FACS; Stuart Lipsitz, ScD; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

Impact of Chemoradiation on Histopathologic Response in Patients with Localized Pancreatic Cancer

David T. Wittmann; Chad A. Barnes, MD; Mohammed Aldakkak, MD; Kathleen K. Christians, MD, FACS; Ben George, MD; William A. Hall, MD; Beth A. Erickson, MD; Douglas B. Evans, MD, FACS; Susan Tsai, MD, MHS; *From Medical College of Wisconsin, Milwaukee, WI*

Outcomes and Learning Curve of Pure Laparoscopic Living Donor Left Lateral Sectionectomy for Pediatric Transplantation under Proctorship

Giammauro Berardi, MD; Roberto Ivan Troisi, MSc, MD, PhD, FEBS; *From Gent University Hospital, Gent, Belgium*

Reappraisal of Main Pancreatic Duct in IPMN under Surveillance: Dilatation Alone Is Not an Absolute Indication for Surgery

Stefano Andrianello, MD; Giovanni Marchegiani, MD; Giorgia Morbin; Erica Secchettin; Mirko D'Onofrio, MD; Riccardo De Robertis, MD; Giuseppe Malleo, MD; Claudio Bassi, MD, FACS; Roberto Salvia, MD, PhD; *From University of Verona Hospital - The Pancreas Institute, Verona, Italy*

Hepatic and Pancreatic Functions of A2A Adenosine Receptors in High-Fat-Diet-Induced Obesity

Zoltan H. Nemeth, MD, PhD; Balazs Csoka, PhD; Daniel Hakakian; Gyorgy Hasko, MD, PhD; *From Rutgers New Jersey Medical School, Newark, NJ, Morristown Medical Center, Morristown, NJ, Columbia University Medical Center, New York, NY*

SF109 | 11:30 am-1:00 pm

Trauma I

LOCATION: 157BC

TRACK(S): TRA

MODERATORS:

Toan T. Huynh, MD, FACS, *Charlotte, NC*
Alicia M. Mohr, MD, FACS, *Gainesville, FL*

Dynamic Bayesian Network Analysis of Inflammation Biomarkers Reveals Age Related Changes of the Inflammatory Response Following Trauma

Ashley J. Lamparello, MD; Rami A. Namas, MD; Yoram Vodovotz, PhD; Timothy R. Billiar, MD, FACS; *From University of Pittsburgh, Pittsburgh, PA*



Inability to Reverse Aspirin and Clopidogrel Induced Platelet Dysfunction with Platelet Infusion



Leen Khoury, MD; Stephen M. Cohn, MD; Melissa Panzo, RN; *From Staten Island University Hospital, Staten Island, NY*

Pre-Injury Statin Use Is Associated with Improved Survival in Patients with Isolated Severe Traumatic Brain Injury

Adil Lokhandwala, MD; Muhammad N. Khan, MD; Lynn M. Gries, MD; Mohammad Hamidi, MD; Andrew L. Tang, MD, FACS; Muhammad Zeeshan, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keeffe, MBChB, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Procoagulant In-Vitro Effects of Human Mesenchymal Stem Cells and Mononuclear Cells in a Severely Injured Trauma Population

Mitchell J. George, MD; Brijesh Gill, MD, FACS; Karthik Prabhakara, MS; Naama E. Toledano Furman, PhD; Scott D. Olson, PhD; Bryan A. Cotton, MD, FACS; Andrew Cap, MD, PhD; Charles E. Wade, PhD; Charles S. Cox, Jr., MD, FACS; *From McGovern Medical School, Houston, TX*

The Uniquely Human Gene CHRFAM7A Alters Immune Cell Mobilization after Injury

Theresa W. Chan, MD; Elliot C. Williams, MD; Olga Cohen, MS; Brian Eliceiri, PhD; Andrew Baird, PhD; Todd W. Costantini, MD, FACS; *From University of California, San Diego, San Diego, CA*

Inhibition of the Liver X Receptor (LXR) Pathway in Rats Causes Sequestration of Prothrombin and Profound Resultant Hyperfibrinolysis

Peter M. Einersen, MD; Ernest E. Moore, MD, FACS; Christopher C. Silliman, MD, PhD; Kenneth L. Jones, PhD; *From University of Colorado Denver, Aurora, CO, Denver Health Medical Center, Denver, CO*

Synthetic Lignan Secoisolariciresinol Diglucoside (LGM2605) Reduces Cerebral Leukocyte Mobilization Following Traumatic Brain Injury

Christina L. Jacovides, MD; Syed M. Ahmed, MD; Yujin Suto, MD, PhD; Lewis J. Kaplan, MD, FACS, FCCM, FCCP; C. William Schwab, MD, FACS; Douglas H. Smith, MD; Thais Sielecki, PhD; Melpo Christofidou-Solomidou, PhD; Jose L. Pascual-Lopez, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Tranexamic Acid Mediates Pro and Anti-Inflammatory Signaling via Complement C5a Regulation in a Plasminogen Activator-Dependent Manner

Christopher D. Barrett, MD; Hunter B. Moore, MD, PhD; Ganapathy Sriram, PhD; Daniel C. Lim, PhD; Saskya Byerly, MD; Michael P. Chapman, MD; Ernest E. Moore, MD, FACS; Michael B. Yaffe, MD, PhD, FACS; *From Massachusetts Institute of Technology, Cambridge, MA, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, University of Colorado Denver, Denver, CO*

Neutrophil Proportions Are Comparable to Lactic Acid in Predicting Outcomes in Trauma Patients

Duraid S. Younan, MD; Andrew O. Westfall, MS; Ahmed Zaky, MD, MPH; Nathaniel Erdmann, MD, PhD; *From University of Alabama at Birmingham, Birmingham, AL*

Endotheliopathy in Systemic Inflammatory Response Syndrome and Sepsis

Shuyan Wei, MD; Erika Gonzalez, MD; John B. Holcomb, MD, FACS; Laura J. Moore, MD, FACS; Michelle H. Scerbo, MD; Lillian S. Kao, MD, MS, FACS; Charles E. Wade, PhD; *From University of Texas Health Science Center at Houston, Houston, TX*

SF110 | 11:30 am-1:00 pm

Vascular Surgery I

LOCATION: 104ABC

TRACK(S): VAS

MODERATORS:

Jeffrey J. Siracuse, MD, FACS, *Boston, MA*

Joseph D. Raffetto, MD, FACS, *West Roxbury, MA*

Evaluation of the Effectiveness of an Evidence-Based Bundled Quality Improvement Intervention in Reducing Surgical Site Infections in Lower Extremity Vascular Bypass Procedures



Katherine E. Hekman, MD, PhD; Eriberto Michel, MD; Eddie Blay, MD; Irene B. Helenowski, PhD; Anthony D. Yang, MD, MS, FACS; Andrew W. Hoel, MD, FACS; *From Northwestern University, Chicago, IL*

Short-Term Methionine Restriction Limits the Arterial Intimal Hyperplastic Response

Peter Kip, MD; Kaspar M. Trocha, MD; Michael R. MacArthur, MS; Ming Tao, MD; Margreet R. de Vries, PhD; James R. Mitchell, PhD; C. Keith Ozaki, MD; *From Brigham and Women's Hospital, Boston, MA, Harvard T.H. Chan School of Public Health, Boston, MA, Leiden University Medical Center, Leiden, Netherlands*

Outcomes of Vascular Surgery in Obese Patients with a History of Bariatric Surgery

Hanaa Dakour Aridi, MD; Besma Nejim, MBChB, MPH; Satinderjit S. Locham, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins University, Baltimore, MD*

A Role for Low-Density Lipoprotein (LDL) Receptor Related Protein 1 (LRP1) in Vessel Wall Homeostasis

Brittany O. Aicher, MD; Rebeca Galisteo; Selen C. Muratoglu, PhD; Areck A. Ucuzian, MD, PhD; Dudley K. Strickland, PhD; *From University of Maryland, Baltimore, MD*

Outcomes after Ruptured Abdominal Aortic Aneurysm Repair: Is Centralization of Care Better?

Erin K. Greenleaf, MD; Christopher S. Hollenbeak, PhD; Faisal Aziz, MD, FACS; *From Penn State Health MS Hershey Medical Center, Hershey, PA*

Quantifying the Risk-Adjusted Hospital Costs of Postoperative Complications after Lower Extremity Bypass in Patients with Claudication

Caitlin W. Hicks, MD; Husain N. Alshaikh, MD; Christopher J. Abularrage, MD; James H. Black, Jr., MD, FACS; Mahmoud B. Malas, MD, MHS; *From Johns Hopkins University, Baltimore, MD*

Trends in the Treatment of Acute Mesenteric Ischemia in the State of New York

Maria S. Altieri, MD; Jie Yang, PhD; Nicholas Sikalas, MD; Jihye Park, MS; Konstantinos Spaniolas, MD; Mark A. Talamini, MD, FACS; Aurora D. Pryor, MD, FACS; *From Stony Brook University Hospital, Stony Brook, NY*

Individualized Surgeon Report Cards as a Quality Improvement Initiative to Improve Incident Arteriovenous Fistula Rates: An Improving Wisely Campaign

Caitlin W. Hicks, MD; Peiqi Wang, MD, MPH; Susan Hutfless, PhD; Ying Wei Lum, MD, MPH; Martin A. Makary, MD, MPH; James H. Black, Jr., MD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD*

An E-Mag Cannulation Approach Reduces Radiation Exposure during Simulated Fenestrated Endograft Repair

Catherine C. Go, MD; Youngjae Chun, PhD; Yanfei Chen; Elizabeth A. Andraska, MD; Barry McDaniel, PA; Kyle Markel, MD, RVT; Bryan W. Tillman, MD, PhD, FACS; *From University of Pittsburgh, Pittsburgh, PA*

SF111 | 11:30 am-1:00 pm
Health Services Research II

LOCATION: 258ABC

TRACK(S): HP

MODERATORS:

Heather L. Evans, MD, FACS, *Charleston, SC*
Heena P. Santry, MD, FACS, *Columbus, OH*

Changes in Surgical Quality Associated with Network Formation at America's Highest-Rated Hospitals

Kyle H. Sheetz, MD, MSc; Hari Nathan, MD, PhD; Justin B. Dimick, MD, MPH; *From University of Michigan, Ann Arbor, MI, Center for Healthcare Outcomes and Policy, Ann Arbor, MI*

Strict Firearm Legislation Is Associated with Lower Firearm-Related Fatalities among Children and Teens in the U.S.

Stephanie D. Chao, MD; Sriraman Madhavan, BE; *From Stanford University, Stanford, CA*

Impact of ACA Insurance Expansion on Access to Care: Changes in Perforated Appendix Rates among Adults Following Medicaid Expansion and the Dependent Coverage Provision

Cheryl K. Zogg, MSPH, MHS; John W. Scott, MD, MPH; Kimberly A. Davis, MD, MBA, FACS; Justin B. Dimick, MD, MPH, FACS; Adil H. Haider, MB, BS, FACS; *From Yale School of Medicine, New Haven, CT, Brigham & Women's Hospital, Boston, MA, University of Michigan, Ann Arbor, MI*

Access Delayed Is Access Denied: States with Higher Age-Adjusted Mortality Rate Have Poorer Access to Trauma Center Care

Zain G. Hashmi, MB, BS; Molly P. Jarman, PhD; Tarsicio Uribe-Leitz, MD, MPH; Eric Goralnick, MD, MS; Craig D. Newgard, MD, MPH; Ali Salim, MD; Edward E. Cornwell III, MD, FACS; Adil H. Haider, MD, MPH; *From Brigham and Women's Hospital, Boston, MA*

Multidisciplinary Mortality Review: The Next Step in the Evolution of Surgical M&Ms

Laura S. Johnson, MD; Clint S. Pettit, MD; Matthew P. Schreiber, MD, MHS; *From Medstar Washington Hospital Center, Washington, DC*

Operative vs. Nonoperative Management of Appendicitis: A Long-Term Cost-Effectiveness Analysis

Lindsay A. Sceats, MD; Alanna Coughran; Britainy Barnes; Emily L. Grimm; Matthew Muffly, MD; David A. Spain, MD, FACS; Cindy J. Kin, MD, MS; Douglas K. Owens, MD, MS; Jeremy D. Goldhaber Fiebert, PhD; *From Stanford University, Stanford, CA*

Impact of Neoadjuvant Chemoradiation and Centralization of Rectal Cancer Care: A Retrospective Cohort Study

Megan Delisle, MD; Ramzi Helewa, MD, MSc, FRCSC; David J. Hochman, MD, FACS, FRCSC; Jason Park, MEd, MD, FRCSC, FACS; Andrew McKay, MD, MSc; *From University of Manitoba, Winnipeg, Manitoba*

SF125 | 11:30 am-1:00 pm
Cardiac Surgery I

LOCATION: 153ABC

TRACK(S): CTS

MODERATORS:

Muhammad Aftab, MB, BS, FACS, *Denver, CO*
Leora T. Yarboro, MD, *Charlottesville, VA*

A Lesson from the Battlefield: High Ratio of Blood Products during Massive Transfusion Reduces Operative Mortality in Cardiac Surgery: Results of an STS National Database Study

Thomas M. Kelley, Jr., MD; Mario Gaudino, MD; Ruchika Goel, MD, MPH; Saurav Chopra, MD; Robert D. Rice, MD, FACS; Heather M. Currier, MD; T. Sloane Guy, MD, MBA; *From Dwight D. Eisenhower Army Medical Center, Augusta, GA, New York Presbyterian Hospital, Weill Cornell Medicine, New York, NY*

The Effects of Moderate Hypothermia on Outcomes in Hemiarch Repairs

Mohamed Eldeiry, MD; Muhammad Aftab, MD; Jay Pal, MD, PhD; Joseph C. Cleveland, Jr., MD, FACS; David A. Fullerton, MD, FACS; T. B. Reece, MD; *From University of Colorado, Aurora, CO*

Bundled Strong for Surgery Optimization Targets Strongly Linked to Cardiac Surgery Outcomes

Douglas Liou, MD; Prasha Bhandari, MPH; Nell Marshall, PhD; Alex Sox-Harris, PhD; James I. Fann, MD, FACS; Thomas A. Burdon, MD, FACS; Leah M. Backhus, MD, MPH, FACS; *From Stanford University, Stanford, CA, VA Palo Alto Health Care System, Palo Alto, CA*

Validation of Risk Model of Operative Mortality in the Presence of Severe Acidosis and Malperfusion with Acute Type A Aortic Dissection

Chin Siang Ong, MB, BS; Lucy L. Nam; Xun Zhou, MD; Allen Young, MD; Alejandro Suarez-Pierre, MD; Michael K. Pasque, MD; Jennifer S. Lawton, MD; *From Johns Hopkins Hospital, Baltimore, MD, Washington University, St. Louis, MO*

Implementing a Computer-Based Glucose Management Protocol Improves Outcomes and Value in Cardiac Surgery

William Z. Chancellor, MD; James H. Mehaffey, MD; Robert B. Hawkins, Jr., MD, MSc; Curtis G. Tribble, MD; Leora T. Yarboro, MD; Gorav Ailawadi, MD; Irving L. Kron, MD; Jennifer L. Kirby, MD, PhD; *From University of Virginia, Charlottesville, VA*

Long-Term Implications of Tracheostomy in Cardiac Surgery Patients

Elizabeth D. Krebs, MD; William Z. Chancellor, MD; Jared P. Beller, MD; James H. Mehaffey, MD, MSc; Robert B. Hawkins, Jr., MD, MSc; Leora T. Yarboro, MD; Gorav Ailawadi, MD; Nicholas R. Teman, MD; *From University of Virginia, Charlottesville, VA*

One-Year Patient-Reported Outcomes Define True Quality after Cardiac Surgery

Eric J. Charles, MD, PhD; James H. Mehaffey, MD, MSc; Robert B. Hawkins, Jr., MD, MSc; Sandra G. Burks, RN; Timothy L. McMurry, PhD; Leora T. Yarboro, MD; John A. Kern, MD; Gorav Ailawadi, MD; Irving L. Kron, MD; Benjamin D. Kozower, MD, MPH; *From University of Virginia, Charlottesville, VA, Washington University School of Medicine, St. Louis, MO*

Cardiac Valve Replacement Associated with Higher Values of Glycocalyx Production in Viridans Streptococcal Endocarditis

Kelly Kapp; Lawrence Dall, MD; Christian Lamb; *From University of Missouri-Kansas City, Kansas City, MO*

Delay in Coronary Artery Bypass Grafting for STEMI Patients Improves Hospital Morbidity and Mortality

Anthony Lemaire, MD; Viktor Y. Dombrovskiy, MD, PhD, MPH; Leonard Lee, MD; *From Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ*

Right Ventricular Adaptation in Setting of Pressure Overload Following Intramyocardial Delivery of Mononuclear Cells

Kimberly Holst, MD; Saji Oommen, PhD; Susana Cantero-Peral, MD, PhD; Pouya Hemmati, MD; Joseph A. Dearani, MD, FACS; Timothy J. Nelson, MD, PhD; *From Mayo Clinic, Rochester, MN*

SF112 | 2:30-4:00 pm Plastic and Maxillofacial Surgery I

LOCATION: 157BC

TRACK(S): PLA

MODERATORS:

Paul Y. Liu, MD, FACS, *Providence, RI*

Somatic MAP2K1 Mutations Are Enriched in Blood Vessels in Patients with Arteriovenous Malformations



Jeremy A. Goss, MD; Mohammed H. Alomari, MD; Sophie Elzein, MD; Arin K. Greene, MD, MMSc; *From Boston Children's Hospital, Boston, MA*

Reduced Scar Thickness Achieved by Topical Doxycycline Is Mediated by Specific Skin Fibroblast Populations and Not Immune Cell Infiltrate

Alessandra L. Moore, MD; Matthew P. Murphy, MB, BCh, BAO, MRCSI; Dre M. Irizarry, MD; Heather E. Des Jardins-Park, AB; Bryan A. Duoto; Shamik Mascharak; Deshka S. Foster, MD; Ruth Ellen Jones, MD; Gerlinde Wernig, MD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Schwann Cell-Like Cells (iMDSC) Differentiated from Muscle-Derived Stem Cells (MDSC) Improve Nerve Myelination, Neuromuscular Reinnervation, and Functional Outcomes after Rodent Upper Extremity Peripheral Nerve Trauma

Pooja S. Yesantharao, MS; Helen Xun; Joseph Lopez, MD, MBA; Leila Musavi; Howard D. Wang, MD; Gerald Brandacher, MD; W. P. Andrew Lee, MD; Anand Kumar, MD; *From Johns Hopkins University, Baltimore, MD*

Northwell Health Patient Perioperative Pathway (P3): Enhanced Recovery Protocol for Microsurgical Breast Reconstruction

Brandon Alba; Benjamin D. Schultz, MD; Dana Bregman, MD; Danielle Cohen; Lei Alexander Qin; William Chan; Mark L. Smith, MD; Neil Tanna, MD, MBA, FACS; *From Northwell Health Division of Plastic & Reconstructive Surgery, Great Neck, NY, Zucker School of Medicine at Hofstra/Northwell, Hempstead, NY*

Noninvasive Skin Preconditioning by Micro Deformational External Suction Improves Skin Vascularity and Reduces Surgical Complications after Reconstructive Surgeries in an Obesity Induced Diabetic Murine Model

Giorgio Giatsidis, MD, PhD; Anthony Haddad, MD; Patrick Rhodius, MD; Hajime Matsumine, MD, PhD; Dharaniya Sakthivel, MS; Indranil Sinha, MD; Dennis P. Orgill, MD, PhD, FACS; *From Brigham and Womens Hospital - Harvard Medical School, Boston, MA*

Therapeutic Effects of Ozone Therapy on Acute Cutaneous Wound Healing, an Experimental Murine Model

Carlos Altamirano Arcos, MD; Rogelio Martinez Wagner, MD; Ramón Fernández Martínez, MD; Israel Espino Gaucin, MD; Luciano Nahas Combina, MD; Enrique Chávez Serna, MD; *From Hospital General, Mexico City, Mexico, Universidad Nacional Autónoma de México, Mexico City, Mexico*

Hospital Readmission following Open, Single Stage, Elective Abdominal Wall Reconstructions Using Acellular Dermal Matrix Affects Long-Term Hernia Recurrence Rate

Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jun Liu, MD, PhD; Charles E. Butler, MD, FACS; *From MD Anderson Cancer Center, Houston, TX*

A Mouse Model with CJUN Overexpression Eludes to Deep Dermal Fibroblast Expansion and Immune Cell Recruitment as the Biologic Mechanism of Hypertrophic Scarring

Alessandra L. Moore, MD; Bryan A. Duoto; Heather E. Des Jardins-Park, AB; Shamik Mascharak; Gerlinde Wernig, MD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Head Circumference Is Strongly Correlated with Intracranial Volume in Patients with Metopic Craniosynostosis

Brendan J. Cronin; Michael G. Brandel; Taylor M. Buckstaff; Gabrielle L. Cahill; Emily M. Mannix; Asra Hashmi, MD; Chris M. Reid, MD; Samuel Lance, MD; Hal Meltzer, MD; Amanda A. Gosman, MD; *From University of California, San Diego, La Jolla, CA*

Characterizing Associations between Neonatal Abstinence Syndrome and Orofacial Clefting

Cody L. Mullens; Russell E. Mathews, MSN, PPCNPBC, RN; Ian L. McCulloch, BS, M.Res; Kristen M. Hardy; Aaron C. Mason, MD; *From West Virginia University School of Medicine, Morgantown, WV*

Translational Approach Using Trimodal Manipulation of Resident Skeletal Stem Cells for Articular Cartilage Repair

Matthew P. Murphy, MB, BCh, BAO, MRCSI; Lauren S. Koepke, BSc; Michael Lopez; Ryan C. Ransom; Rachel E. Brewer, BSc; Mimi R. Borrelli, MB, BCh; Owen Marecic; Charles KF. Chan, BSc, PhD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

SF113 | 2:30-4:00 pm

Transplantation and Tissue Engineering I

LOCATION: 160A

TRACK(S): BTR, GEN

MODERATORS:

Mary T. Killackey, MD, FACS, *New Orleans, LA*

Eric A. Elster, MD, FACS, *Bethesda, MA*

Predicting β cell Mass in Pediatric Islet Autotransplant Patients

Mariya E. Skube, MD, MPH; Srinath Chinnakotla, MD, FACS, MBA; Sarah Jane Schwarzenberg, MD; Josh Wilhelm, MS; Daniel A. Saltzman, MD, PhD, FACS; Greg Beilman, MD; Melena Bellin, MD; *From University of Minnesota, Minneapolis, MN*

Removing and Reconstituting Bone Marrow Elements Disrupts Vascularized Composite Allograft Survival

Nicole Shockcor, MD; E Bryan Buckingham, MD; Wessam Hassanein, MD; Stephen T. Bartlett, MD; Rolf N. Barth, MD; *From University of Maryland, Baltimore, MD*

Decellularized Xenogeneic Fetal Tissue Matrix Enhances Skeletal Muscle Regeneration within a Latissimus Dorsi Defect

Mimi Y. Wu Young, MD; Seok Jong Hong, PhD; Hari Iyer, MD; Robert D. Galiano, MD, FACS; *From Northwestern University, Chicago, IL*

Risk Factors for a Declining Renal Function Trajectory after Living Kidney Donation

Courtenay M. Holscher, MD; Alvin G. Thomas, MSPH; Christine E. Haugen, MD; Kyle R. Jackson, MD; Jacqueline Garonzik Wang, MD, PhD; Allan B. Massie, PhD, MHS; Dorry L. Segev, MD, FACS; *From Johns Hopkins University, Baltimore, MD*

BLyS Deficient Rats Prevent Donor Specific Antibody (DSA) Production and Proliferation in Rodent Model

Natalie Bath, MD; Bret Verhoven; Nancy A. Wilson, PhD; Shannon R. Reese, MS; Sarah E. Panzer, MD; Arjang Djalmali, MD; Robert R. Redfield III, MD; *From University of Wisconsin, Madison, WI*

Human Hepatoblasts Can Be Generated from a

Pluripotent Universal Donor Cell Stem Cell Line that Escapes Allogenic Response and Natural Killer Cell Lysis

Anthony I. Squillaro, MD, MPH; Laura-Marie A. Nucho, MS, MBA; Christopher R. Schlieve, MD; David F. Chang, PhD; Samuel M. Zuber, MD; Alexa M. Fode; Tracy C. Grikscheit, MD, FACS; *From Childrens Hospital Los Angeles, Los Angeles, CA*

Turn Down for What: Outcomes Associated with Declining an Older Liver Donor

Christine E. Haugen, MD; Courtenay M. Holscher, MD; Mary Grace Bowring, MPH; Andrew M. Cameron; Benjamin Philosophie, MD, PhD; Mara McAdams-DeMarco, PhD; Dorry L. Segev, MD, FACS; Jacqueline M. Garonzik-Wang, MD; *From Johns Hopkins University, Baltimore, MD*

SF114 | 2:30-4:00 pm**Colon and Rectal Surgery I**

LOCATION: 254AB

TRACK(S): CRS

MODERATORS:

Nancy N. Baxter, MD, FACS, *Toronto, ON*Nelya Melnitchouk, MD, *Newton, MA***Measuring Important Differences in Diverticulitis-Related Quality of Life**

Sara Khor, MASC; Giana H. Davidson, MD, MPH, FACS;
 Sarah E. Monsel; Lisa L. Strate, MD, MPH; Brennan Spiegel,
 MD, MSHS; David R. Flum, MD, FACS; *From University of
 Washington, Seattle, WA, University of California, Los Ange-
 les, Los Angeles, CA*

Prognostic Factors Impacting Survival in Patients Undergoing Curative Intent Surgery for Locally Recurrent Rectal Cancer

Simona Deidda, MD; Eric Dozois, MD; Scott R. Kelley, MD,
 FACS; Amit Merchea, MD, FACS; Dorin T. Colibaseanu, MD,
 FACS; Nitin Mishra, MB, BS, MPH, FACS; David W. Larson,
 MD, FASCRS, FACS; Kellie L. Mathis, MD; *From Mayo Clinic,
 Rochester, MN, Mayo Clinic, Jacksonville, FL, Mayo Clinic,
 Phoenix, AZ*

Assessment of MicroRNA as Disease Predictors and Markers of Response in Rectal Cancer

Ronan M. Waldron, MB, BCH, BAO, MSc; Katie Gilligan,
 MSc; Myles R. Joyce, MD; Michael J. Kerin, MD; *From
 Lambe Institute of Translational Surgery, NUI Galway,
 Galway, Ireland*

Comparison of Short-Term Colorectal Surgery Quality Outcomes at a Public Safety Net Hospital and Affiliated Tertiary Care Teaching Hospital

Erik R. Noren, MD, MS; Jennifer Wang; Glenn T. Ault, MD,
 FACS; Adrian E. Ortega, MD; Marjun Philip Duldulao, MD;
 Joongho Shin, MD; Andreas M. Kaiser, MD, FACS, FASCRS;
 Sang W. Lee, MD, FACS; Kyle G. Cologne, MD; *From Uni-
 versity of Southern California, Los Angeles, CA*

Negative Pressure Wound Therapy Use to Decrease Surgical Nosocomial Events in Colorectal Resections (NEPTUNE): A Randomized Controlled Trial

Patrick B. Murphy, MD; Sarah A. Knowles, MD; Sami A.
 Chadi, MD, MS; Kelly N. Vogt, MD; Muriel Brackstone, MD,
 PhD; Julie Ann M. Van Koughnett, MD; Michael C. Ott, MD,
 FACS; *From Western University, London, Ontario*

Achieving the Goal of Opioid Free Surgery: Lessons Learned from over a Hundred Narcotic Free Enhanced Recovery after Surgery (ERAS) Colectomies

Sophia A. Horattas, MD; Kelly J. Bahr, RN; James Reissig,
 PharmD; Mark C. Horattas, MD; *From Cleveland Clinic
 Akron General, Akron, OH*

Can Circulating Tumor Cell Monitoring Identify Optimal Candidates for Watch and Wait after Neoadjuvant Therapy for Rectal Cancer?

Lucas D. Lee, MD; Carolyn Hall, PhD; George J. Chang, MD,
 FACS; Anthony Lucci, Jr., MD, FACS; Brian K. Bednarski,
 MD; Amanda Cuddy, MPH; Miguel A. Rodriguez-Bigas, MD,
 FACS; John M. Skibber, MD, FACS; Craig A. Messick, MD; Y.
 Nancy You, MD, MHSc, FACS; *From University of Texas MD
 Anderson Cancer Center, Houston, TX*

Delayed Surgery after Radio-Chemotherapy for Rectal Adenocarcinoma Is Protective for Anastomotic**Dehiscence: A Single Centre Retrospective Analysis**

Damiano D. Caputo, MD, FACS; Silvia Angeletti, MD;
 Michele Fiore, MD; Massimo Ciccozzi, PhD, BSc; Alessan-
 dro Coppola, MD, PhD; Mariacristina M. Cartillone, MD;
 Vincenzo La Vaccara, MD; Giuseppe Spagnolo, MD; Lucio
 Trodella, MD; Roberto Coppola, MD, FACS; *From Univer-
 sity Campus Bio-Medico of Rome, Rome, Italy*

Identifying Patients at Risk for Postoperative Hyperglycemia after Elective Colorectal Surgery

Edmund B. Chen, MD; Michael J. Nooromid, MD; Amy L.
 Halverson, MD, FACS, FASCRS; *From Northwestern Univer-
 sity, Chicago, IL*

SF115 | 2:30-4:00 pm**e-Poster Rounds II**

LOCATION: 253ABC

TRACKS: BTR, CRS, EDU, GEN, GER, HP, INFO, INT, ORT, PED,
 PLA, HUM, TRA, VAS

e-Posters are listed in the Scientific Forum e-Poster section
 on page 166.

SF117 | 2:30-4:00 pm**General Surgery I**

LOCATION: 203

TRACK(S): GEN

MODERATORS:

Todd W. Costantini, MD, FACS, *San Diego, CA*Michael D. Goodman, MD, FACS, *Cincinnati, OH***The Use of Cerium Oxide Nanoparticles Conjugated with MiroRNA146a to Correct Diabetic Wound Impairment**

Carlos Zgheib, PhD; Sarah A. Hilton, MSHS, MD; Lindel C.
 Dewberry, MD; Maggie M. Hodges, MD, MPH; Junwang
 Xu, PhD; Sudipta Seal, PhD; Kenneth W. Liechty, MD, FACS,
 FAAP; *From University of Colorado Denver - Anschutz
 Medical Campus, Aurora, CO, University of Central Florida,
 Orlando, FL*

Association of Obesity with Postoperative Complications Using Phenome-Wide Association Studies and Mendelian Randomization

Jamie R. Robinson, MD, MS; Robert J. Carroll, PhD; Lisa
 Bastarache, MS; Zongyang Mou, MD; Gretchen P. Jackson,
 MD, PhD; Dan M. Roden, MD; Joshua C. Denny, MD, MS;
From Vanderbilt University Medical Center, Nashville, TN

The Intracellular Activation of Complement C3 Improves the Function of Intestinal Epithelia during an Acute Gastrointestinal Injury: A Possible Immune Pathway through Paneth Cells

Yujie Yuan, MD; Jinning Ye, MD; Min Tan, MD; Yufeng Ren,
 MD; Jidong Zuo, MD; *From First Affiliated Hospital, Sun
 Yat-Sen University, Guangzhou, China*



Genetic Variation in Zinc Transporter SLC30A8/Znt8 Modifies Risk of Surgical Stress Induced Hyperglycemia in Patients Undergoing Major Abdominal Surgery

Paddy Ssentongo, MD, MPH; Deborah Brunke-Reese; Anna E. Sentongo; Eric M. Pauli, MD; David I. Soybel, MD, FACS; *From Pennsylvania State University College of Medicine, Hershey, PA*

Long Non-Coding RNA RP11-789C1.1 Suppresses Epithelial-to-Mesenchymal Transition in Gastric Cancer through RP11-789C1.1/miR-5003/E-cadherin

Zehong Chen, MD; Jialin Wu, MD; Yujie Yuan, MD; Wensheng Huang, MD; Jianjun Peng, MD; Jinning Ye, MD; Wu Song, MD; *From First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, China*

Farnesoid X Receptor Inactivation May Protect the Intestinal Epithelial Barrier by Decreasing Cytokine Expression in Macrophages

Michelle Nguyen, MD; Michael A. Schumacher, PhD; Mark R. Frey, PhD; Christopher P. Gayer, MD, PhD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA*

The Role of lncRNA MALAT1 in Diabetic Wounds and Macrophage Polarization

Junwang Xu, PhD; Junyi Hu, MD; Carlos Zgheib, PhD; Maggie M. Hodges, MD, MPH; Kenneth W. Liechty, MD; *From University of Colorado Denver-Anschutz Medical Campus, Aurora, CO*

Nanosilk Improves the Biomechanical Properties of Human Diabetic Skin

Sarah A. Hilton, MSHS, MD; Carlos Zgheib, PhD; Maggie M. Hodges, MD, MPH; Lindel C. Dewberry, MD; Sudipta Seal, PhD; Kenneth W. Liechty, MD; *From University of Colorado, Aurora, CO, University of Central Florida, Orlando, FL*

A Novel Magnetic Compression Technique for Small Intestinal End-to-Side Anastomosis in Rats

Hao Liu; Yi Lv; Xiaopeng Yan, PhD; *From Xi'an Jiaotong University, Xi'an, China*

Safety and Efficacy of Irreversible Electroporation for Gastric Tissue Ablation with Magnetic Anchoring Electrodes in a Rabbit Model

Fenggang Ren, MD; Qingshan Li, MD; Yi Lv, MD; *From The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China*

SF118 | 2:30-4:00 pm Pediatric Surgery I

LOCATION: 157A

TRACK(S): PED

MODERATORS:

Shaun M. Kunisaki, MD, FACS, *Ann Arbor, MI*

Catherine J. Hunter, MD, FACS, *Chicago, IL*

Selective Depletion of Pulmonary Alveolar Macrophages Inhibits Metastatic Outgrowth in a Mouse Model of Osteosarcoma

Caroline W. Maloney, MD; Michelle P. Kallis, MD; Marc Symons, PhD; Bettie M. Steinberg, PhD; Samuel Z. Soffer, MD; *From Feinstein Institute of Medical Research, Manhasset, NY, Zucker School of Medicine at Hofstra Northwell, Manhasset, NY, Northwell Cohen Children's Medical Center, New Hyde Park, NY*

Inhibiting Hydrogen Sulfide Production in Stem Cells Reduces their Protective Effects during Experimental Necrotizing Enterocolitis

Natalie A. Drucker, MD; Jan P. Winkel, MD; Troy A. Markel, MD, FACS; *From Indiana University, Indianapolis, IN*

Adaptation of Bile Acid Metabolism after Ileocecal Resection

Gillian R. Goddard, MD; Justine Marchix, PhD; Jennifer A. Hawkins, MS; Michael A. Helmrath, MD, FACS; *From Cincinnati Children's Hospital Medical Center, Cincinnati, OH, University of Cincinnati, Cincinnati, OH*

Amniotic Fluid Stem Cell Extracellular Vesicles Improve Pulmonary Vasculature in Experimental Congenital Diaphragmatic Hernia via the Release of RNA Cargo

Lina Antounians, MSc; Vincenzo D. Catania, MD; Alyssa Belfiore, BSc; Ornella Pellerito, PhD; Louise Montalva, MD; Augusto Zani, MD, PhD; *From The Hospital for Sick Children, Toronto, Ontario*

PP2A Activation Abrogates Cancer Stem Cell Phenotype in Hepatoblastoma

Laura L. Stafman, MD; Adele P. Williams, MD; Jamie Aye, MD; Jerry Stewart; Elizabeth A. Beierle, MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Short Bowel Syndrome Results in Increased Hepatic Steatosis in a Zebrafish Model

Kristin Gee, MD; Mubina A. Isani, MD; Nick M. Shillingford, MD; Tracy C. Grikscheit, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA*

Nerve-Dependent Mandibular Regeneration by Skeletal Stem Cells in Fracture Repair

Ruth Ellen Jones, MD; Ryan C. Ransom; Ankit Salhotra; Deshka S. Foster, MD; Derrick C. Wan, MD, FACS; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Cyclic GMPAMP Synthase (cGAS) is Critical in Modulating Intestinal Inflammation and Proliferation

Vei Shaun Siow, MD; Elizabeth Novak, PhD; Garret Vincent; Kevin P. Mollen, MD, FACS; *From University of Pittsburgh Medical Center, Pittsburgh, PA, Children's Hospital of Pittsburgh, Pittsburgh, PA*

SF126 | 2:30-4:00 pm Cardiac Surgery II

LOCATION: 102AB

TRACK(S): CTS

MODERATORS:

Zain Khalpey, MD, FACS, *Tucson, AZ*

Tsuyoshi Kaneko, MD, FACS, *Boston, MA*

Discrepancies in Access and Institutional Risk Tolerance in Heart Transplantation: A National Prospective Open Cohort Study

Alejandro Suarez-Pierre, MD; Cecillia Lui, MD; Xun Zhou, MD; Charles D. Fraser, MD; Todd C. Crawford, MD; Thaninyah Ahmad, MD, MPH; Chun W. Choi, MD; Glenn J. Whitman, MD, FACS; Robert S. Higgins, MD; Ahmet Kilic, MD; *From Johns Hopkins University, Baltimore, MD*

Convergent Procedure for Symptomatic Atrial Fibrillation: Short and Intermediate Term Outcomes of a Hybrid, Multidisciplinary Approach

Robert Tonks, MD; Gurion Lantz, MD; William J. Mahlow, MD; Jeffrey B. Hirsh, MD; Lawrence S. Lee, MD; *From University of Tennessee, Knoxville, TN, Indiana University School of Medicine, Indianapolis, IN*

Confusion Instead of Clarity: Publicly Reported Cardiac Surgery Ratings Are Inconsistent with Risk-Adjusted Outcomes



Anjali Raghuram; Tejasvi K. Dasari; Brendan Chou; Ankur Bakshi, MD; Matthew J. Wall, MD, FACS; Todd Rosengart, MD, FACS; Ravi K. Ghanta, MD, FACS; *From Baylor College of Medicine, Houston, TX*

Interleukin10 Induces Differential Myofibroblast Activation in Adult and Fetal Cardiac Fibroblasts Mediated by Upregulation of MicroRNA21

Maggie M. Hodges, MD, MPH; Carlos Zgheib, PhD; Junyi Hu, MD; Junwang Xu, PhD; Sarah A. Hilton, MSHS, MD; Lindel C. Dewberry, MD; Kenneth W. Liechty, MD; *From University of Colorado-Denver, Aurora, CO*

Decreasing Ischemic Injury in Donation after Circulatory Death Heart with Inflammasome Blocker

Kristine L. Kenning, MD; Stefano Toldo, PhD; Eleonora Mezzaroma, PhD; Federica La Neve, PhD; Adolfo G. Mauro, MS; Martin J. Mangino, PhD; Mohammed Quader, MD; *From Virginia Commonwealth University Health System, Richmond, VA*

Buffalo Trunk: Utilizing Available Materials to Mimic the Benefits of a Hybrid Elephant Trunk Graft

Mohamed Eldeiry, MD; Muhammad Aftab, MD; Joseph C. Cleveland, Jr., MD, FACS; David A. Fullerton, MD, FACS; T. B. Reece, MD; *From University of Colorado, Aurora, CO*

Cost-Effectiveness of Negative Pressure Incision Management System in Cardiac Surgery

Robert B. Hawkins, Jr., MD, MSc; J. Hunter Mehaffey, MD, MSc; Judy G. Smith, RN; Eric J. Charles, MD, PhD; Gorav Ailawadi, MD, FACS; John A. Kern, MD; Leora T. Yarboro, MD; Tanya N. Wanchek, PhD, JD; Nicholas R. Teman, MD; *From University of Virginia, Charlottesville, VA*

Decreasing Use of Off Pump Coronary Artery Bypass Grafting: Is There Still a Role?

Zachary Tyerman, MD; J. Hunter Mehaffey, MD, MSc; Robert B. Hawkins, Jr., MD, MSc; Mohammed Quader, MD; Jeffrey Rich, MD; Alan M. Speir, MD; Nicholas R. Teman, MD; Gorav D. Ailawadi, MD; *From University Of Virginia, Charlottesville, Va*

Incidence and Cost of Readmission after Open and Endovascular Repair of Type B Aortic Dissection in the U.S.

Umang Parikh; Rohan M. Shah; Qianzi Zhang, MPH; Tejasvi K. Dasari; Brendan Chou; Anjali Raghuram; Ankur Bakshi, MD; Ravi K. Ghanta, MD, FACS; *From Baylor College of Medicine, Houston, TX*

Racial Disparities in Long-Term Survival in Patients Bridged to Heart Transplantation with Left Ventricular Assist Devices

Cecillia Lui, MD; Charles D. Fraser, MD; Xun Zhou, MD; Alejandro Suarez-Pierre, MD; Ahmet Kilic, MD; Kenton J. Zehr, MD; Robert S. Higgins, MD; *From Johns Hopkins Hospital, Baltimore, MD*

SF119 | 4:15-5:45 pm

Health Services Research III

LOCATION: 157BC

TRACK(S): HP

MODERATORS:

Fabian M. Johnston, MD, MHS, FACS, *Baltimore, MD*
Arden M. Morris, MD, MPH, FACS, *Palo Alto, CA*

Influence of Trends in Hospital Volume over Time on Patient Outcomes for High-Risk Surgery

Cécile Payet, MPH; Stéphanie Polazzi, MSc; Jean-Christophe Lifante, MD, PhD; Eddy Cotte, MD, PhD; Jean-François Obadia; Matthew J. Carty, MD; Stéphane Sanchez, MD, MPH, MSc; François Chollet, MPH; Muriel Rabilloud, MD, PhD; Antoine Duclos, MD, PhD; *From Hospices Civils de Lyon, Lyon, France, Université Claude Bernard Lyon 1, Lyon, France, Brigham and Women's Hospital - Harvard Medical School, Boston, MA*

What Factors Should Patients Consider When Choosing a Surgeon? Surgeon Characteristics and Outcomes

Following Colectomy in New York State

Christopher T. Aquina, MD, MPH; Adan Z. Becerra, PhD; Carla F. Justiniano, MD; Zhaomin Xu, MD; David C. Linehan, MD, FACS; Larissa K. Temple, MD, FACS; Fergal Fleming, MD; *From University of Rochester Medical Center, Rochester, NY*

The Culture of Surgical Residency: Findings from the FIRST Trial Qualitative Study

Julie K. Johnson, MSPH, PHD; Allison R. Dahlke, MPH; Daniel B. Hewitt, MD, MPH; Lindsey Kreutzer, MPH; Remi R. Love, MPPA; Karl Y. Bilimoria, MD, MS; *From Northwestern University, Chicago, IL*

Liberalization of State Level Firearm Concealed Carry Legislation Is Not Associated with Increase in Homicides or Violent Crime

Mark E. Hamill, MD, FACS, FCCM; Matthew C. Hernandez, MD; Kent R. Bailey, PhD; Martin D. Zielinski, MD, FACS; Miguel A. Matos, DO; Henry J. Schiller, MD, FACS; *From Virginia Tech Carilion School of Medicine, Roanoke, VA, Mayo Clinic, Rochester, MN*

The Association between Medicaid Eligibility and Gains in Access to Rehabilitative Care: A Difference in Assessment of ACA-Related Changes to Insurance Coverage, Outcomes, and Discharge to Rehabilitation among Adult Trauma Patients

Cheryl K. Zogg, MSPH, MHS; John W. Scott, MD, MPH; David Metcalfe, LLB, MRCP, MRCS; Kimberly A. Davis, MD, MBA, FACS; Justin B. Dimick, MD, MPH, FACS; Adil H. Haider, MB, BS, FACS; *From Yale School of Medicine, New Haven, CT, Brigham & Women's Hospital, Boston, MA, University of Michigan, Ann Arbor, MI*

Academic Surgery, Leadership, and Diversity: Modern Workforce Analysis

Cassandra E. Benay, MD, MSc; Talia A. Burneikis, MD; Iuliana D. Bobanga, MD; Yannick Fringeli, MD; Kaitlin A. Ritter, MD; Joyce J. Shin, MD, FACS; Farren Briggs, PhD, ScM; Vikram D. Krishnamurthy, MD; *From Cleveland Clinic, Cleveland, OH*

Mental Health Conditions Associated with High Health Care Utilization Following Surgery

Laura A. Graham, PhD, MPH; Todd Wagner, PhD; Joshua S. Richman, MD, PhD; Melanie S. Morris, MD; Laurel A. Cope-land, PhD; Alex Sox-Harris, PhD; Mary T. Hawn, MD, FACS; *From VA Palo Alto Health Care System, Palo Alto, CA, Birmingham VA Medical Center, Birmingham, AL, VA Central Western Massachusetts Healthcare System, Leeds, MA*

Improving Operating Room Efficiency: A Machine Learning Approach to Predict Case-Time Duration

Matthew A. Bartek, MD, MPH; Rajeev C. Saxena, MD, MBA; Stuart Solomon, MD; Christine T. Fong, MS; Lakshmana D. Behara, MS; Ravitheja Venigandla, MS; Kalyani Velgapudi, PhD; Bala G. Nair, PhD; John D. Lang, MD; *From University of Washington, Seattle, WA, Winigent, Woodinville, WA*

SF120 | 4:15-5:45 pm

Urological Surgery I

LOCATION: 161

TRACK(S): URO

MODERATORS:

Tracy M. Downs, MD, FACS, *Madison, WI*
Sarah P. Psutka, MD, *Seattle, WA*

Scrutinizing Medicare Payments to the Highest Paid Urologists Utilizing the Centers for Medicare and Medicaid Services (CMS) Public Use Dataset

Yousef M. Abu-Salha; Case M. Wood, MD; Kathryn E. Hacker, MD, PhD; Brandon Garren, MD; Pauline L. Filippou, MD; Matthew E. Nielsen, MD, MS, FACS; Angela B. Smith, MD, FACS; Hung-Jui Tan, MD, MSHPM; Raj S. Pruthi, MD, MHA, FACS; *From University of North Carolina, Chapel Hill, NC*

Evaluation of a Predefined Active Surveillance Threshold in a Large Cohort of Men with Localized Prostate Cancer

Daniel J. Canter, MD, FACS; Maria G. Latsis, MS; Shams Halat, MD; Steven Stone, PhD; Stephen F. Bardot, MD; *From Ochsner Clinic, New Orleans, LA*

Impact of Surgeon Age on Preference for Open vs. Laparoscopic/Robotic Partial and Radical Nephrectomy: Potential Implications of an Aging Workforce

Jason R. Lomboy, MD; John L. Graves; Angela B. Smith, MD, FACS; Matthew E. Nielsen, MD, MS, FACS; Eric M. Wallen, MD, FACS; Mathew C. Raynor, MD; Hung-Jui Tan, MD, MSHPM; Raj Pruthi, MD; *From University of North Carolina, Chapel Hill, NC*

Outcomes after Implementation of Enhanced Recovery after Surgery for Radical Cystectomy at the University of Missouri

Alex A. Henderson, MD; Koby L. Clements, MBA; Amy Christensen, MHA; Mark R. Wakefield, MD, FACS; Katie S. Murray, DO; *From University of Missouri, Columbia, MO*

Risk Factors for Desmopressin-Induced Hyponatremia

William N. Harris; Maarten Declercq, MD; Jeffrey P. Weiss, MD; Karel C. Everaert, MD, PhD; Kristian Vinter Juul, PhD; Jens Peter Nørgaard, MD; *From University of Ghent, Department of Urology, Ghent, Belgium*

Assessing Reasons for Urologist Burnout, Its Implications, and Possible Interventions

Jyoti Chouhan, DO, PharmD; Alexander Jones, MD; Katie Murray, DO; *From SUNY Downstate Medical Center, Brooklyn, NY, The University of Missouri, Columbia, MO*

Evaluating the Impact of African-American Ancestry among Men with Localized Prostate Cancer Treated with Radical Prostatectomy

Daniel J. Canter, MD, FACS; Shams Halat, MD; Kristen Gurtner, MD; Steven Stone, PhD; Stephen F. Bardot, MD; *From Ochsner Clinic, New Orleans, LA*

Lymphadenectomy for High-Risk Prostate Cancer Patients: What Is Going on in Georgia?

Mark Henry, MD; Melissa Taylor, MD; Frances Kim, MPH; John G. Pattaras, MD, FACS; Mehrdad Alemozaffar, MD; Viraj Master, MD, PhD, FACS; Christopher P. Filson, MD, MS; *From Emory University School of Medicine, Decatur, GA*

Correlation of Relative Value Units with Surgical Complexity and Physician Workload in Urology

Case M. Wood, MD; Raj Pruthi, MD, FACS; Zoe S. Gan; Angela B. Smith, MD, FACS; Allison Deal, MS; Chang Xu, MS; Yue Wang; *From University of North Carolina, Chapel Hill, NC*

SF121 | 4:15-5:45 pm

Global Surgery and Humanitarian Outreach I

LOCATION: 203

TRACK(S): INT, HUM

MODERATORS:

Benedict C. Nwomeh, MD, MPH, FACS, *Columbus, OH*
Sanjay Krishnaswami, MD, FACS, *Portland, OR*

Feasibility of a Cellular Telephone Follow-Up Program after Injury in Sub-Saharan Africa



S. Ariane Christie, MD; Mbiarikai A. Mbiyanor, MSc; Alain Chichom-Mefire, MD; Theophile Nana, MD; Rochelle A. Dicker, MD; Catherine Juillard, MD, MPH; *From University of California, San Francisco, San Francisco, CA, University of Buea, Buea, Cameroon*

Surgical Safety Checklist Use and Outcomes in a Large, Multi-National Cohort of Emergency Laparotomy Patients

Hannah Thomas, BSc; *From University of Edinburgh, Edinburgh, United Kingdom, University of Birmingham, Birmingham, United Kingdom, University of Warwick, Warwick, United Kingdom*

Insight into the Clinical Practices of U.S. Humanitarian Surgical Non-Governmental Organizations (NGO)

Peter F. Johnston, MD; Rijul Asri; Vennila Padmanaban, MD; Patricia M. Dalton, JD; Ziad C. Sifri, MD, FACS; *From Rutgers New Jersey Medical School, Newark, NJ*

Defining Global Pediatric Surgical and Anesthesia Workforce Densities for Optimal Child Health Outcomes

Michael Leeming; Hampus Holmer, MD; Isobel H. Marks, MA, MB, BS; Neema C. Kaseje, MD; *From Tropical Institute of Community Health, Kisumu, Kenya, University Hospitals Geneva, Geneva, Switzerland*

A Scoring System to Aid Implementation of a Surgical Infection Prevention Quality Improvement Program in Resource-Constrained Settings

Jared A. Forrester, MD; Tihitena Negussie, MD; Andualem Beyene, MD; Alex B. Haynes, MD, MPH; William Berry, MD, MPH; Thomas G. Weiser, MD, FACS; Abebe Bekele, MD; *From Addis Ababa University, Addis Ababa, Ethiopia, Stanford University, Palo Alto, CA, Harvard School of Public Health, Boston, MA*

Burnout and Working Conditions of Surgeons in Sub-Saharan Africa

David F. Grabski, MD; Aminata Y. Sallah, MD; Milliard Derbew, MD; Tamara N. Fitzgerald, MD, PhD, FACS; *From Duke University, Durham, NC, Addis Ababa University, Addis Ababa, Ethiopia*

Payor Type Predicts Hospital Admission for Trauma Patients in a Sub-Saharan African Country

Pooja A. Shah; S. Ariane Christie, MD; Girish Motwani, MPH; Fanny Nadia Dissak Delon, MD, MPH, PhD; Alain Chichom-Mefire, MD; Mekolo David, MD; Mete Ngono Gertrude, MD; Catherine Juillard, MD, MPH; *From University of California, San Francisco, San Francisco, CA, Ministry of Public Health, Cameroon, Yaoundé, Cameroon*

South African Surgeons Are Appropriately Trained for Humanitarian Surgery

Kathryn M. Chu, MD, FACS, FACRS; Parveen Karjiker, MBChB, DA, FCS, MMed; Deirdre Kruger, PhD; Sarah Rayne, MBChB; *From University of Cape Town, Cape Town, South Africa, University of Witwatersrand, Johannesburg, South Africa*

Causes and Effects of Delays to Definitive Care in Rwandese Pediatric Trauma Patients

Etienne St-Louis, MD; Robin T. Petroze, MD, MPH; Dan Poenaru, MD, FACS; J. Forrest Calland, MD; Edmond Ntaganda, MD, MMed; Jean-Claude Byiringiro, MD, MMed, FCS-Orth(ECSA); *From Centre for Global Surgery, McGill University Health Centre, Montreal, Québec, Global Surgery Initiative, University of Virginia, Charlottesville, VA, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda*

Typhoid Perforations in Children in Abuja, Nigeria: Improved Access to Essential Surgical Care Can Save Lives

Jamie E. Anderson, MD, MPH; Oghenekaro A. Eniwwenae, MB, BS; Matthias I. Igoche, MB, BS, FWACS; Paschal A. Anyanwu, MB, BS, FWACS, FACS; Emmanuel A. Ameh, MB, BS, FWACS, FACS; *From Boston Children's Hospital, Boston, MA, National Hospital, Abuja, Abuja, Nigeria, University of California, Davis, Sacramento, CA*

SF122 | 4:15-5:45 pm

Vascular Surgery II

LOCATION: 153ABC

TRACK(S): VAS

MODERATORS:

Louis L. Nguyen, MD, MBA, MPH, FACS, Boston, MA
Boa-Ngoc H. Nguyen, MD, FACS, Washington, DC

The Weekend Effect in AAA Repair

Thomas F. O'Donnell, MD, FACS; Chun Li, MD; Nicholas J. Sverdlow, MD; Patric Liang, MD; Alexander B. Pothof, MD; Virendra I. Patel, MD, MPH; Kristina A. Giles, MD; Mahmoud Malas, MD, MHS, FACS; Marc L. Schermerhorn, MD, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA, New York Presbyterian/Columbia University Medical Center, New York, NY, Johns Hopkins Hospital and Bayview Medical Center, Baltimore, MD*

Behavioral Economics Concepts Impact Exercise Behavior for Claudication

Sherene E. Sharath, PhD, MPH; MinJae Lee, PhD; Panos Kougiass, MD, MSc; Neal R. Barshes, MD, MPH; *From Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, Baylor College of Medicine, Houston, TX*

Risk Factors for Incident Lower Extremity Amputation in the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial

Christopher J. Clark, MD; Ross P. Davis, MD; Matthew P. Goldman, MD; Timothy Craven, MSPH; Matthew A. Corriere, MD, MS; Justin B. Hurie, MD, FACS; Gabriela Velazquez-Ramirez, MD; Timothy K. Williams, MD; Matthew S. Edwards, MD, FACS; *From Wake Forest University, Winston-Salem, NC, University of Michigan, Ann Arbor, MI*

Anemia as an Independent Predictor of Adverse Outcomes after Carotid Revascularization

Hanaa Dakour Aridi, MD; Besma Nejim, MBChB, MPH; Satinderjit S. Locham, MD; Alik Farber, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins University, Baltimore, MD*

Systemic Delivery of a Novel Fractalkine Binding Peptide Amphiphile Nanofiber to Target Injured Vasculature

Hussein A. Kassam, MD; David C. Gillis, MS; Tyson J. Moyer, PhD; Nick D. Tsihlis, PhD; Samuel I. Stupp, PhD; Melina R. Kibbe, MD, FACS, FAHA; *From University of North Carolina-Chapel Hill, Chapel Hill, NC, Northwestern University, Chicago, IL*

Histone Deacetylase 6 and 3 Are Distinct Modulators of Smooth Muscle Phenotypes Following Vascular Injury

Mengxue Zhang, MD, MS; Go Urabe, MD, PhD; Christopher Little, BSc; Bowen Wang, PhD; Alycia Kent, BSc; Yitao Huang; Craig K. Kent, MD; Lian-Wang Guo, PhD; *From The Ohio State University, Columbus, OH, University of Wisconsin, Madison, WI*

Effect of Obesity on Patient Outcomes after Aortobifemoral Bypass in the Treatment of Aortoiliac Occlusive Disease

Luigi Pascarella, MD; Paula D. Strassle, MSPH; Corey A. Kalbaugh, PhD; Katharine L. McGinagle, MD, MPH; Mark A. Farber, MD; William A. Marston, MD; Melina R. Kibbe, MD, FACS, FAHA; Jason Crowner, MD; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Mid-Term Durability Is Comparable for Younger Patients Undergoing Elective Open and Endovascular Infraarenal Abdominal Aortic Aneurysm Repair

Katherine M. Reitz, MD; Nathan L. Liang, MD, MS; Bowen Xie; Michel S. Makaroun, MD, FACS; Edith Tzeng, MD, FACS; *From University of Pittsburgh Medical Center, Pittsburgh, PA*

Unpredictable Stent Behavior Following Endovascular Surgery in a Pediatric Model

Kai W. Hata, MD; Brandon Propper, MD; Lydia Piper, MD; Zachary M. Arthurs, MD; Candace Percival, MD; *From San Antonio Military Medical Center, San Antonio, TX*

Promising Relief for a Decade of Pain in Median Arcuate Ligament Syndrome

Hana Fayazzadeh, MD; Andrew T. Strong, MD; Benjamin Abraham, MD; Matthew Kroh, MD; John H. Rodriguez, MD, FACS; Woosup M. Park, MD; Kevin El-Hayek, MD; *From Cleveland Clinic, Cleveland, OH*

SF123 | 4:15-5:45 pm Critical Care Surgery

LOCATION: 251

TRACK(S): GEN, TRA

MODERATORS:

David S. Heffernan, MBBCH, FACS, *Providence, RI*
Susan L. Evans, MD, FACS, *Charlotte, NC*

Incidence and Mortality of Myocardial Injury after Non-Cardiac Surgery (MINS) across Surgical Specialties in a Population of Veterans

Margaret Ellis, MD; Michael P. Hutchens, MD; Mitchell B. Sally, MD; Tahnee Groat, MPH; Darren Malinoski, MD, FACS; *From Veterans' Affairs Portland Healthcare System, Portland, OR, Oregon Health & Science University, Portland, OR*

A Small Molecule C23 Inhibits CIRP-Induced Pro-Inflammatory ICAM1 Expressing Neutrophils in Sepsis

Joseph T. McGinn, MD; Monowar Aziz, PhD; Yasumasa Ode, MD; Ping Wang, MD; *From Feinstein Institute for Medical Research, Manhasset, NY*

The Olfactomedin 4 Positive Neutrophil Is Responsible for Increased Injury in Murine Intestinal Ischemia/Reperfusion Injury

Nick C. Levinsky, Jr., MD; Jaya P. Mallela, MB, BS, PhD; Hector R. Wong, MD; Matthew N. Alder, MD, PhD; *From Cincinnati Children's Hospital Medical Center, Cincinnati, OH, University of Cincinnati Medical Center, Cincinnati, OH*

Genetic Deficiency of AMPK α 1 Exacerbates Intestinal Barrier Dysfunction in Mesenteric Ischemia/Reperfusion Injury in Mice

Hannah V. Lewis, MD; Nick C. Levinsky, MD; Giovanna Piraino, PhD; Vivian Wolfe; Michael P. O'Connor; Basilia Zingarelli, MD, PhD; *From Cincinnati Children's Hospital, Cincinnati, OH, University of Cincinnati, Cincinnati, OH*

The Activation of Alpha7 Nicotinic Acetylcholine Receptor by GTS21 Regulates Nuclear Factor Kappa-Light-Chain-Enhancer of Activated B Cells (NF κ B) Inflammatory Pathway in Hepatocytes

Napat Pruekprasert, MD; Qinghe Meng, MD; Robert N. Cooney, MD, FACS; *From SUNY Upstate Medical University, Syracuse, NY*

The Incidence of Myocardial Infarctions and Hospital Costs in Surgical Intensive Care Unit Patients Reduced by 50 Percent Using Daily, High-Dose Vitamin D Supplementation

Leslie R. Matthews, MD, FACS; Yusuf Ahmed, MD, MPH; Omar K. Danner, MD, FACS; Carolyn Moore, MD; Golda M. Kwayisi, MD; Kahdi F. Udobi, MD; Keren A. Bashan-Gilzenrat, MD; Jonathan Nguyen, DO; Peter Rhee, MD, MPH, FACS; Ed W. Childs, MD, FACS; *From Morehouse School of Medicine, Atlanta, GA, Grady Memorial Hospital, Atlanta, GA*

Altered Neutrophil Phenotypes in a Murine Model of Persistent Inflammation, Immunosuppression, and Catabolism Syndrome (PICS)

Leah K. Winer, MD; Amanda M. Pugh, MD; Charles C. Caldwell, PhD; Vanessa Nomellini, MD, PhD; *From University of Cincinnati, Cincinnati, OH*

Protective Effects of PAD2 Inhibitor in Mouse Models of Lethal Endotoxemia and Sepsis

Xiuzhen Duan, MD; Baihong Pan, MD; Santanu Mondal, PhD; Aaron M. Williams, MD; Xiuzhen Duan, MD, PhD; Baoling Liu, MD; Paul Thompson, PhD; Yongqing Li, MD, PhD; Hasan B. Alam, MB, BS, FACS; *From University of Michigan, Ann Arbor, MI, Xiangya Hospital, Changsha, Hunan, China, University of Massachusetts, Worcester, MA*

Selective Optogenetic Activation of the Inflammatory Reflex Utilizing a Multi-Site Surgical Approach

Adam M. Kressel, MD; Tea Tsaava, MD; Valentina Pavlov, PhD; Sangeeta S. Chavan, PhD; Kevin J. Tracey, MD; *From The Feinstein Institute of Medical Research-Northwell Health, Manhasset, NY*

Checkpoint Proteins and the Microbiome: Changes in the Peritoneal and Terminal Ileum Microbiota in the Presence/Absence of Programmed Cell Death Receptor1 (PD1) in Murine Neonates

Eleanor A. Fallon, MD; Damien J. Cabral; Peter Belenky, PhD; Chun-Shiang Chung, PhD; Alfred Ayala, PhD; *From Brown University / Rhode Island Hospital, Providence, RI*

SF124 | 4:15-5:45 pm

Endocrine Surgery I

LOCATION: 258ABC

TRACK(S): GEN

MODERATORS:

Wen T. Shen, MD, MA, FACS, *San Francisco, CA*

Jennifer E. Rosen, MD, FACS, *Washington, D.C.*

Multi-Institutional Analysis of Recurrent Laryngeal Nerve Monitoring Utilization and Impact on 30-Day and Long-Term Vocal Fold Dysfunction

Janeil M. Mitchell, MD; Kelly L. McCoy, MD, FACS; Meghan L. Kelley; Sally E. Carty, MD, FACS; Linwah Yip, MD, FACS; *From University of Pittsburgh, Pittsburgh, PA*

Total Thyroidectomy and Radioactive Iodine for Elderly Patients with Low-Risk Papillary Thyroid Cancer Confers No Survival Benefit Over Lobectomy Alone

Alan Zambeli-Ljepovic; Frances Wang, MS; Terry Hyslop, PhD; Sanziana A. Roman, MD, FACS; Julie A. Sosa, MD, MA; Randall P. Scheri, MD, FACS; *From Duke University Medical Center, Durham, NC*

Risk of Recurrence in Differentiated Thyroid Cancer: A Population-Based Comparison of the 7th and 8th Editions of the American Joint Committee on Cancer (AJCC) Staging Systems

Tong Gan, MD; Bin Huang, DrPH; Quan Chen, DrPH; Courtney Y. Lee, MD, FACS; David A. Sloan, MD, FACS; Reese W. Randle, MD; *From University of Kentucky, Lexington, KY*

The Independent Effects of Age on Papillary and Follicular Cancers

Huan Yan, MD; David J. Winchester, MD, FACS; Tricia A. Moo-Young, MD, FACS; Kristine Kuchta, MS; Richard A. Prinz, MD, FACS; *From NorthShore University HealthSystem, Evanston, IL*

Rates of Hemithyroidectomy for Thyroid Cancer after the Release of the 2015 ATA Guidelines: Has Our Practice Changed?

Timothy M. Ullmann, MD; Katherine D. Gray, MD; Brendan M. Finnerty, MD; Rasa Zarnegar, MD, FACS; Thomas J. Fahey III, MD; Toni Beninato, MD; *From New York Presbyterian Hospital Weill Cornell Medical Center, New York, NY*

(In)Adequacy of Lymph Node Yield for Papillary Thyroid Cancer in the U.S.: An Analysis of 52,820 Patients

Keven S.Y. Ji; Taofik O. Oyekunle, MS; Randall P. Scheri, MD, FACS; Michael T. Stang, MD; Sanziana A. Roman, MD, FACS; Julie A. Sosa, MD, MA, FACS; *From Duke University School of Medicine, Durham, NC*

Effectiveness of Non-Opioid/Non-Narcotic Postoperative Pain Management Regimen for Patients Undergoing Thyroidectomy and/or Parathyroidectomy

James Biery; Phillip K. Pellitteri, DO, FACS; *From Guthrie Clinic, Sayre, PA*

Contemporary Thyroidectomy Practice Patterns among General Surgery and Otolaryngology: Analysis of the 2016 American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)

Gustavo A. Rubio, MD; Zahra F. Khan, MD; Andrea R. Marcadis, MD; Melissa L. Mao, MD; John I. Lew, MD, FACS; *From University of Miami, Miami, FL*

Tuesday, October 23

SF201 | 8:00-9:30 am

Hepatobiliary and Pancreas II

LOCATION: 151AB

TRACK(S): GEN

MODERATORS:

Kenneth Cardona, MD, FACS, *Atlanta, GA*

Kevin K. Roggin, MD, FACS, *Chicago, IL*

Magnetic Anastomosis for Biliojejunostomy: First Prospective Clinical Trial

Xu-Feng Zhang, MD, PhD; Xue-Min Liu, MD; Yi Lv, MD, PhD; *From Xi'an Jiaotong University, Xi'an, China*

Intrahepatic Portal-Systemic Shunt Established Using Magnetic Compression Technique in Canine Model: A Preliminary Experiment Study

Xiaopeng Yan, PhD; Fenggang Ren, MD; Yi Lv; *From Xi'an Jiaotong University, Xi'an, China*

Long-Term Outcomes Following Primary Closure after Laparoscopic Common Bile Duct Exploration (LCBDE): Experience of 355 Cases

Virinder K. Bansal, MB, BS, FACS, FRCS; Asuri Krishna, MS; Om P. Prajapati, MS; Subodh Kumar, MB, BS, FACS, FRCS; Pramod K. Garg, MD; Mahesh C. Misra, MB, BS, FACS; *From All India Institute of Medical Sciences, New Delhi, India*

Pancreaticojejunostomy vs. Pancreaticogastrostomy on Rates of Postoperative Pancreatic Fistula Formation and Other Complications: A Meta-Analysis

Inigo Baste M. Dabu, MD; Karen D. Abuan, MD; Mara Stefanie P. De Leon, MD; *From Chinese General Hospital and Medical Center, Manila, Philippines*

Can Mortality of Operative Pancreatic Debridement Be Predicted Accurately?

Alexandra M. Roch, MD; Thomas K. Maatman, MD; E. Molly Kilbane, BSN, RN; Eugene P. Ceppa, MD, FACS; Michael G. House, MD, FACS; Attila Nakeeb, MD, FACS; C. Max Schmidt, MD, PhD, MBA; Nicholas J. Zyromski, MD, FACS; *From Indiana University School of Medicine, Indianapolis, IN*

Impact of Blood Transfusions on Short-Term Outcomes and Overall Survival in Patients Undergoing Pancreatic Surgery for Malignancy

Maryna Chumakova, MD; Gareth Morris-Stiff, MD, PhD; Essa M. Aleassa, MD; *From Cleveland Clinic, Cleveland, OH*

Platelet and Neutrophil to Lymphocyte Ratios Predict Survival in Patients with Resectable Colorectal Liver Metastases

Derek J. Erstad, MD; Martin S. Taylor, MD, PhD; Motaz Qadan, MD, PhD; Andrea L. Axtell, MD; Zhi Ven Fong, MD, MPH; Bryan C. Fuchs, PhD; Thomas E. Clancy, MD; Kenneth K. Tanabe, MD, FACS; David C. Chang, PhD, MPH, MBA; Cristina R. Ferrone, MD; *From Massachusetts General Hospital, Boston, MA, Brigham and Women's Hospital, Boston, MA*

Interaction of Immunosuppressive and Cancer Therapy Drugs: Tacrolimus, Sirolimus, and 5Fluorouracil

Alexandra C. Istl, MD; Brad Shrum, MSC; Ken Leslie, MD, FRCSC; Rommel Tirona, PhD; Penny Costello, PhD; Vivian C. McAlister, MB; *From London Health Sciences Centre, Western University, London, Ontario*

Selective Serotonin Reuptake Inhibitor Treatment Influences Surgical and Oncological Outcome of Patients Undergoing Liver Resection

David Pereyra; Benedikt Rumpf; Christoph Koeditz; Clara Schuetz; Jan Philipp Jonas, MD; Christine Brostjan, PhD; Thomas Guenberger, MD; Patrick Starlinger, MD, PhD; *From Medical University of Vienna, Vienna, Austria, Rudolfstiftung Hospital, Vienna, Austria*

Overall Complications with Preoperative Biliary Stenting vs. Pancreaticoduodenectomy in Patients with Pancreatic Adenocarcinoma and Obstructive Jaundice. Analysis of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)

Carlos Garcia-Ochoa, MD; Eric McArthur, MSc; Mauro Tun-Abraham, MD; Jeffrey D. Hawel, MD, FRCSC; Ken Leslie, MD, FRCSC; Anton Skaro, MD, FACS, FRCSC; *From London Health Sciences Centre, London, Ontario, American College of Surgeons, Chicago, IL*

SF202 | 8:00-9:30 am

Neurosurgery

LOCATION: 102AB

TRACK(S): NEU

MODERATOR:

G. Edward Yates, MD, FACS, Rochester, NY

Simulating Neocortical Resections Prior to Epilepsy Surgery: A Study of Intracranial Electroencephalography Recordings

Samuel B. Tomlinson; Eric D. Marsh, MD, PhD; *From University of Rochester Medical Center, Rochester, NY, Children's Hospital of Philadelphia, Philadelphia, PA, Stanford School of Medicine, Palo Alto, CA*

Disparate Complication Rates by Race following Vestibular Schwannoma Excision

Daniel Curiel; Caroline Medin; Parisa Kamali, MD; Ahmed MS. Ibrahim, MD, PhD; Marek A. Paul, MD, PhD; Marc L. Schermerhorn, MD, FACS; Ekkehard M. Kasper, MD, PhD; Samuel J. Lin, MD; *From Harvard Medical School, Boston, MA, Beth Israel Deaconess Medical Center, Boston, MA, Louisiana State University Health Sciences Center, New Orleans, LA*

Neuronavigation vs. Traditional C-arm Fluoroscopy in Transsphenoidal Surgery (TSS) for the Excision of Pituitary Macroadenomas: A Comparative Study from the University of Santo Tomas Hospital, Philippines

Johnston T. Te, Jr., MD; Edwin Michael Joy B. Pacia, MD, DPBNS, FAFNI; *From University of Santo Tomas Hospital, Philippines, Manila, Philippines*

Contralateral Approaches to Paraclinoidal ICA-Aneurysm: Anatomic and Clinical Case Studies

Eleftherios Archavlis, MD; *From Mainz University Hospital, Department of Neurosurgery, Mainz, Germany*

Incidence, Risk Factors, and Outcomes of Stroke Following Pediatric Neurosurgical Procedures

Kevin A. Nguyen, MS; Mindy M. Kim; Triet Vincent M. Tran; *From Yale School of Medicine, New Haven, CT, Massachusetts General Hospital, Boston, MA, University of Texas Southwestern Medical Center, Dallas, TX*

Factors Affecting Favorable Outcome in Single and Multiple Level Outpatient Cervical Spine Surgery

Amos O. Dare, MD; *From Neurological & Orthopedic Institute of Florida, Wellington, FL*

Assessing the Efficacy of Platelet Transfusion for Patients with Traumatic Intracranial Hemorrhage

Cody A. Doberstein; Andrew Y. Powers; Mauricio B. Pinto; Oliver Y. Tang; Jia-Shu Chen, ScB Candidate; Wael F. Asaad, MD, PhD; *From Warren Alpert Medical School of Brown University, Providence, RI*

Persistent Opioid Prescribing in Adult Patients with Spinal Deformity Undergoing Operative or Nonoperative Treatment

Jay K. Nathan, MD; Jennifer F. Waljee, MD, FACS; Paul Park, MD; Mark E. Oppenlander, MD; *From University of Michigan, Ann Arbor, MI*

Feasibility of Laparoscopic Approach for Primary Ventriculoperitoneal Shunt Placement in Patients with Acquired Hydrocephalus

Priscila Rodrigues Armijo, MD; Dietric L. Hennings, MD; Erica M. Dolph; James Hartigan; Brian Sayles; Daniel Surdell, MD; Vishal M. Kothari, MD; *From University of Nebraska Medical Center, Omaha, NE*

SF203 | 8:00-9:30 am

Trauma II

LOCATION: 205A

TRACK(S): TRA

MODERATORS:

David S. Heffernan, MBBCH, FACS, *Providence, RI*
Joshua Carson, MD, *Gainesville, FL*

Development of a Serum Therapy to Protect Severely Burned Patients from Pseudomonas Aeruginosa

Emily Bouffard; Nithya S. Mudaliar, MS; Jane A. Colmer-Hamood, PhD; John A. Griswold, MD, FACS; Sharmila Dissanaikie, MD, FACS; Abdul N. Hamood, PhD; *From Texas Tech University Health Sciences Center, Lubbock, TX*

Portal System as the Source of Inflammation in an Acute Systemic Burn

Fatemeh Adiliaghdam, MD, MPH; Laurence Rahme, PhD, MS; Richard A. Hodin, MD; *From Massachusetts General Hospital, Boston, MA*

Determining the Functionality of Various Sepsis Scoring Systems in the Thermally Injured Patients

Robert L. Ball, MD; Melissa M. McLawhorn, RN, BSN; Ahmad Zeineddin, MD; Lauren T. Moffatt, PhD; Laura S. Johnson, MD; Jeffrey W. Shupp, MD; *From MedStar Health Research Institute, Washington, DC, MedStar Washington Hospital Center, Washington, DC, Georgetown University School of Medicine, Washington, DC*

The Chronology of Coagulopathy following Thermal Injury

Ahmad Zeineddin, MD; Melissa M. McLawhorn, RN; Robert L. Ball, MD; Jenna Luker, MD; Anna Day; Kyle W. Monger; Thomas Orfeo, PhD; Kathleen E. Brummel-Ziedins, PhD; Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD; *From MedStar Health Research Institute, Washington, DC, MedStar Washington Hospital Center, Washington, DC, University of Vermont, College of Medicine, Colchester, VT*

Alterations in the Post-Burn Hypermetabolic Response after Ethanol Intoxication

Juan P. Idrovo, MD; Brenda J. Curtis, PhD; Michael M. Chen, MD, PhD; Elizabeth J. Kovacs, PhD; *From University of Colorado, Denver, CO, Loyola University, Maywood, IL*

High Risk of Developing Long-Term Opioid Use after Burn Injury

Heather Carmichael, MD; Arek J. Wiktor, MD; Anne Lambert Wagner, MD, FACS; Catherine G. Velopoulos, MD, MHS, FACS; *From University of Colorado, Aurora, CO*

Predictors of Repeat Falls and Outcomes in the Elderly

David J. Samson, MS; Kartik Prabhakaran, MD, MHS, FACS; Apar S. Patel, MD, MPH; Seungwhan Pee, MD; Jorge Con, MD, FACS; Hasanat Alamgir, MBA, PhD; Rifat Latifi, MD, FACS; *From Westchester Medical Center, New York Medical College, Valhalla, NY*

Use of Oxidized Cellulose Polymer for Repair of Tracheal Injury

Ishna Sharma, MD; Alex Blanchette; Todd J. Jensen, MHS; Christine Finck, MD; *From University of Connecticut, Farmington, CT, Connecticut Children's Medical Center, Hartford, CT*

Using Morphomic Analysis of Soft-Tissue Injury to Predict Trauma Outcomes

Katherine He; Edward D. Brown; Brian Derstine, MS; Sven A. Holcombe, PhD; Vrej G. Dawli; Mark R. Hemmila, MD; Stewart C. Wang, MD, PhD, FACS; *From University of Michigan, Ann Arbor, MI*

The Effects of Selective Beta-Adrenergic Blockade on Bone Marrow Dysfunction after Severe Trauma and Chronic Stress

Elizabeth S. Miller, MD; Kolenkode B. Kannan, PhD; Julie A. Stortz, MD; Jessica M. Plazas; Philip A. Efron, MD, FACS; Alicia M. Mohr, MD, FACS; *From University of Florida, Gainesville, FL*

SF204 | 8:00-9:30 am

Surgical Oncology II

LOCATION: 251

TRACK(S): ONC

MODERATORS:

Giorgos C. Karakousis, MD, FACS, *Philadelphia, PA*
Fabian M. Johnston, MD, MHS, FACS, *Baltimore, MD*

A Subgroup Analysis of the Interim Results of a Prospective, Randomized, Double Blinded, Placebo Controlled, Phase IIb Trial of the Autologous TLPLDC Vaccine in Stage III/IV (Resected) Melanoma Patients to Prevent Recurrence

John W. Myers, MD; Guy T. Clifton, MD, FACS; Timothy J. Vreeland, MD; Tommy A. Brown, MD; Kaitlin Peace, MD; Julia M. Greene, MD; Doreen O. Jackson, MD; Diane F. Hale, MD; George E. Peoples, Jr., MD, FACS; Mark B. Faries, MD; *From San Antonio Military Medical Center, San Antonio, TX*

Neoadjuvant Chemoradiation Improves Margin Positivity Rates after Pancreaticoduodenectomy in T1 and T2 Resectable Pancreatic Cancer: An Analysis of the National Cancer Database

Stephanie H. Greco, MD; Mihir M. Shah, MD; Chunxi Chen; Dirk F. Moore, PhD; Darren R. Carpizo, MD, FACS; Timothy J. Kennedy, MD; Miral S. Grandhi, MD; David A. August, MD, FACS; H. Richard Alexander, MD; Russell C. Langan, MD; *From Rutgers Cancer Institute of New Jersey, New Brunswick, NJ, Rutgers School of Public Health, Piscataway, NJ, RWJ Barnabas Health, Saint Barnabas Medical Center, Livingston, NJ*

Lymph Node Positivity (LNP) Is Associated with Survival in Metastatic Colorectal Cancer (CRC)

Patrick Bou-Samra, MD; Patrick R. Varley, MD; Samer T. Tohme, MD; David A. Geller, MD, FACS; Allan Tsung, MD, FACS; *From University of Pittsburgh Medical Center, Pittsburgh, PA*

Prediction Model for Early Intrahepatic Recurrence after Hepatectomy for Patients with Hepatocellular Carcinoma: An Implication for Adjuvant Treatment

Kelvin K. Ng, MS, PhD; TanTo Cheung, MS; Tiffany C.L. Wong, MD; ChungMau Lo, MB, BS, MS; *From The University of Hong Kong, Hong Kong, China*

Utility of Level III Axillary Lymph Node Dissection in Melanoma Patients with Palpable Axillary Lymph Node Disease

David A. Mahvi, MD; Mark Fairweather, MD; Charles H. Yoon, PhD, MD, FACS; Nancy L. Cho, MD; *From Brigham and Women's Hospital, Boston, MA*

Minimally Invasive Gastrectomy Improves Survival in the U.S.

Brandon S. Hendriksen, MD, MPH; Ashton J. Brooks, MB, BS; Christopher S. Hollenbeak, PhD; Matthew D. Taylor, MD; Michael F. Reed, MD; David I. Soybel, MD; *From Pennsylvania State Hershey Medical Center, Hershey, PA*

Does Lymphadenectomy with at Least 15 Perigastric Lymph Nodes Retrieval Promise an Improved Survival for Gastric Cancer: A Retrospective Cohort Study in Southern China

Jinning Ye, MD; Yufeng Ren, MD; Weigang Dai, MD; Shiron Cai, MD; Min Tan, MD; Yulong He, MD; Yujie Yuan, MD; *From First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, China*

Melanoma Gene Expression Profiling as a Predictor of Additional Disease Burden in Sentinel Lymph Node-Positive Patients

Andrew M. Fleming; W. Preston Hewgley; Xin Huang; Garrett M. Minor; Nathan Stanford; Alykhan Premji; Martin D. Fleming, MD, FACS; *From University of Tennessee Health Science Center, Memphis, TN*

**SF206 | 8:00-9:30 am
Thoracic Surgery I**

LOCATION: 161

TRACK(S): CTS

MODERATORS:

Bryan M. Burt, MD, FACS, *Stanford, CA*

James M. Isbell, MD, FACS, *New York, NY*

Prospective Study of a Multimodal Strategy to Prevent Pulmonary Embolism in a High-Risk Thoracic Surgery Population

Andrew Tang, MD; Siva Raja, MD, PhD; Usman Ahmad, MD; Alejandro Bribriescio, MD; Daniel P. Raymond, MD, FACS; Sudish C. Murthy, MD, PhD, FACS; *From Cleveland Clinic Foundation, Cleveland, OH*

Does Location Matter? Regional Variations in Outcomes of Minimally Invasive Esophagectomy Using the National Cancer Database

Jerald Borgella, MD; Fernando Espinoza-Mercado, MD, FACS; Rodrigo F. Alban, MD, FACS; Taryne A. Imai, MD; Harmik J. Soukiasian, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

Pharmacologic Inhibition of Secretory Phospholipase A2 IIa Reduces Lung Cancer Growth In-Vitro and in a Murine Model

Alison L. Halpern, MD; Patrick D. Kohtz, MD; Shana Kalatardi, MPH; Xianzhong Meng, MD, PhD; David A. Fullerton, MD, FACS; Michael J. Weyant, MD, FACS; *From University of Colorado, Aurora, CO*

The Impact of Hospital Size on National Trends and Outcomes in Open and Video-Assisted Lobectomy for Non-Small Cell Lung Cancer

Sameer A. Hirji, MD; Rohan M. Shah; Andrea L. Axtell, MD; Maria Rodriguez, MD; Scott J. Swanson, MD; Michael T. Jaklitsch, MD; Gita N. Mody, MD, MPH; *From Brigham and Women's Hospital, Boston, MA, Massachusetts General Hospital, Boston, MA*

Urinary Catheters in Patients with Thoracic Epidural Anesthesia: Should They Come Out?

Luis E. De León, MD; Namrata Patil, MD, MPH; Abby White, DO; Carlos E. Bravolñiguez, MD; Sam W. Fox; Jeffrey Tarascio; Yolonda L. Colson, MD, PhD; Michael T. Jaklitsch, MD; Scott J. Swanson, MD; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Evaluating the National Impact of Regional Variation in General Thoracic Surgery Resource Utilization: An Analysis of 203,000 Surgeries

Rohan M. Shah; Sameer A. Hirji, MD; Asishana A. Osho, MD; Scott J. Swanson, MD; Desiree A. Steimer, MD; Michael T. Jaklitsch, MD; Gita N. Mody, MD, MPH; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Experience of Decortication for Empyema Thoracis: A Series of 812 Cases

Farhan A. Majeed, MB, BS, FACS; *From Combined Military Hospital, Rawalpindi, Pakistan, Combined Military Hospital, Lahore, Pakistan*

Saving the Split: The Benefits of VATS Thymectomy

Daniel J. Gross, MD; Bardiya Zangbar, MD; Nagarajan Muthu, MD; Abbasali Badami, MD; Philip L. Rosen, MD; Valery Roudnitsky, MD; Louis H. Stein, MD, PHD; Daniel L. Beckles, MD, PhD, FACS; Rainer W. G. Gruessner, MD; *From State University of New York, Downstate, Brooklyn, NY, Coney Island Hospital, Brooklyn, NY*

Lung Resection and Litigation: A Comprehensive Analysis of Medicolegal Claims

Asad J. Choudhry, MD; Anees Sohail, MB, BS; Amad J. Choudhry, MD; Mark J. Crye, MD; Randall G. Green, MD, JD, MBA; Jason M. Wallen, MD, FACS; *From State University of New York, Upstate University, Syracuse, NY*

Grade of Differentiation Predicts Survival Independent of Lymph Node Ratio in Stage2 (N1) Lung Cancer Patients after Surgery without PORT or Chemotherapy

Danny T. Nguyen; Roger L. Gerard; Jacques P. Fontaine, MD; Lary A. Robinson, MD, FACS; Robert J. Keenan, MD, FACS; Eric M. Toloza, MD, PhD, FACS; *From Moffitt Cancer Center, Tampa, FL, University of South Florida, Tampa, FL*

SF235 | 8:00-9:30am

Surgical Education II

LOCATION: 259AB

TRACK(S): EDU

MODERATORS:

John Migaly, MD, FACS, FASCRS, *Durham, NC*
Jahnavi K. Srinivasan, MD, FACS, *Atlanta, GA*

Improving Communication between Nursing Staff and Surgery Residents in the Age of Electronic Medical Records

Jacob P. Veith, MD; John M. Uecker, MD, FACS; Kevin M. Luftman, MD; Sadia Ali, MPH; Jared Bell, MD; Shannon Billingsley, MSN, RN, ACNP-BC; *From Dell Medical School at University of Texas-Austin, Austin, TX*

Research Productivity and National Institutes of Health Funding within Academic Surgery: A Gender Perspective

Hania Adib, MS; Kareem Ibraheem, MD; Marcus A. Hoof; Mahmoud Farag, MD; Antoine Haddad, MD; Lachin Saparova, MD; Nichole Downing; Emad Kandil, MBBCh, FACS; Mary T. Killackey, MD, FACS; *From Tulane University School of Medicine, New Orleans, LA*

Surgical Residents Do Not Receive Effective Leadership Feedback: A Qualitative Study

Joceline V. Vu, MD; Calista M. Harbaugh, MD; Meredith Barrett, MD; Michael J. Englesbe, MD; Justin B. Dimick, MD, MPH, FACS; Gurjit Sandhu, PhD; *From University of Michigan, Ann Arbor, MI*

To Bed or Not to Bed: The Sleep Question

Chris Brown, MBBCh, MRCS; Tarig Abdelrahman, MD, MRCS; Arfon G. Powell, PhD, MRCS; Michael J. Pollitt, FRCS; Wyn G. Lewis, MD, DSc, FRCS; Richard J. Egan, MD, FRCS; *From Cardiff University, Cardiff, United Kingdom*

Automated Communication Assessments Predict Acute Care Team Simulation Performance

Yuhao Peng, MS; Nicholas E. Anton, MS; Jackie S. Cha, MSE; Tomoko Mizota, MD; Julie M. Hennings, MSN, RN, CCRN; Ryan P. Stambro, Megan A. Rendina; Katie J. Stanton-Maxey, MD; Dimitrios Stefanidis, MD, PhD; Denny Yu, PhD; *From Purdue University, West Lafayette, IN, Indiana University, Indianapolis, IN, Indiana University Health, Indianapolis, IN*

New Surgeon and Administrator Perceptions of Nonclinical Skills

Audra T. Clark, MD; Rebecca H. Napier, MBA; Suzanne Farmer, PhD; Kareem R. AbdelFattah, MD; *From University of Texas Southwestern, Dallas, TX*

General Surgery Residency Program Response Plan to Hurricane Maria in Puerto Rico

Jose E. Garcia-Rivera, MD; Annette Pascual Marrero, MD, MPH; William Mendez Latalladi, MD; *From University of Puerto Rico, San Juan, Puerto Rico*

A Multicenter Survey of the Impact of Advanced Practice Providers on Residents' Perceptions of Surgical Training

Ravinder Kang, MD, MS; Jesse A. Columbo, MD; Ryland S. Stucke, MD; John J. Tackett, MD, MHS; Jason Wiseman, MD; Lindsay A. Bliss, MD, MPH; Briana Leung, MD; Donald T. Hess, Jr., MD, FACS; Rebecca C. Yang, MD, FACS; Kari M. Rosenkranz, MD; *From Dartmouth Hitchcock Medical Center, Lebanon, NH*

Is There a Gender Bias in Pictorial Representation of Health Care Workers in Patient Education Literature?

A. Reema Kar, MD; Vittorio Addona, PhD; Anuradha R. Bhama, MD; Christian Jones, MD, MS, FACS; Joseph V. Sakran, MD, MPH, MPA, FACS; John W. Harmon, MD; *From Johns Hopkins University, Baltimore, MD, Cleveland Clinic Foundation, Cleveland, OH*

The Surgical Gender Gap: A Curriculum Concordance and Career Vector Perspective

Chris Brown, MBBCh, MRCS; Tarig Abdelrahman, BM, MRCS, MD; Arfon G. Powell, PhD, MRCS; Michael J. Pollitt, FRCS; Luke GR. Hopkins, MBBCh, MRCS; David Robinson, MBBCh, MRCS; Wyn G. Lewis, MD, DSc, FRCS; *From Cardiff University, Cardiff, United Kingdom*

SF207 | 9:45-11:15 am

Orthopaedic Surgery

LOCATION: 157BC

TRACK(S): ORT

MODERATORS:

Please see the Addendum or Clinical Congress App for Moderators.

Implementation of Standardized Hip Fracture Care Programs Improves Outcomes

Lisbi Rivas, MD; Tammy Ju, MD; Richard L. Amdur, PhD; Khashayar Vaziri, MD, FACS; Babak Sarani, MD, FACS, FCCM; *From George Washington University Hospital, Washington, DC*

Traumatic Hip Fracture and Primary Elective Total Hip Patients Are Not the Same: A Comparison of Comorbidity Burden, Hospital Course, Postoperative Complications, and Cost of Care Analysis

Jason A. Lowe, MD; Sean M. Mitchell, MD; Sumit Agarwal, MD; Clifford B. Jones, MD, FACS; *From University of Arizona, Phoenix, AZ, The CORE Institute, Phoenix, AZ*

Increased 30-Day Complications in Geriatric Hip Fracture Patients with Postoperative Weight Bearing Restrictions: An ACS NSQIP® Analysis of 4,918 Patients

Taylor D. Ottesen; Ryan P. McLynn; Anoop R. Galivanche; Paul S. Bagi, MD; Cheryl K. Zogg, MSPH, MHS; Jonathan N. Grauer, MD; *From Yale School of Medicine, New Haven, CT*

Platelet-Rich Plasma vs. Hyaluronic Acid Injections for Knee Osteoarthritis: A Propensity Score Analysis

Salvatore Giordano, MD, PhD; Juho A. Annaniemi, MD; Jyri Pere, MD; *From The University of Turku, Finland, Turku, Finland*

CrossFit and Rhabdomyolysis: A Case Series of 11 Patients Presenting at a Single Academic Institution

Daniel Li; Benjamin Hopkins, MD; Mark T. Svet; Nader Dahdaleh, MD; Kartik Kesavabhotla, MD; *From Northwestern Feinberg School of Medicine, Chicago, IL*

Non-Preventable Venous Thromboembolism Following Pelvic and Lower Extremity Trauma Occur Despite Adherence to Modern Prophylactic Protocols

Jason A. Lowe, MD; Sean M. Mitchell, MD; Sumit Agarwal, MD; Clifford B. Jones, MD, FACS; *From University of Arizona, Phoenix, AZ, The CORE Institute, Phoenix, AZ*

Novel Oral Anticoagulants vs. Low Molecular Weight Heparin for Thromboprophylaxis in Nonoperative Pelvic Fractures

Mohammad Hamidi, MD; Muhammad Zeeshan, MD; Terence O'Keefe, MB, ChB, FACS; Faisal Jehan, MD; Joseph V. Sakran, MD, MPH, MPA, FACS; Muhammad N. Khan, MD; Narong Kulvatunyou, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ, Johns Hopkins University, Baltimore, MD*

Underweight Patients Are the Highest Risk Body Mass Index Group for Perioperative Adverse Events Following Total Shoulder Arthroplasty

Taylor D. Ottesen; Walter R. Hsiang; Rohil Malpani; Arya G. Varthi, MD; Lee E. Rubin, MD; Jonathan N. Grauer, MD; *From Yale School of Medicine, New Haven, CT*

Arthroscopic Management of Posttraumatic Arthritis of Ankle and Subtalar Joints

Naren G. Gurbani, MD, FACS; Ajay N. Gurbani, MD; *From Kaiser Permanente Medical Center, Downey, CA, University of California, Los Angeles, Los Angeles, CA*

Immediate and Early Surgical Results of Acute Osteomyoplastic Trans-Tibial Amputation for the Mangled Lower Extremity

William J. Ertl, MD, FACS; *From University of Oklahoma, Oklahoma City, OK*

SF208 | 9:45-11:15 am

Trauma III

LOCATION: 153ABC

TRACK(S): TRA

MODERATORS:

Philip A. Efron, MD, FACS, Gainesville, FL

Oscar D. Guillaumondegui, MD, MPH, FACS, Nashville, TN

Ligation of Traumatic Inferior Vena Cava Injuries Is Not Associated with Higher Mortality

Saskya Byerly, MD; Vincent Cheng, MD; Kazuhide Matsushima, MD; Kenji Inaba, MD, FACS, FRCSC; Gregory A. Magee, MD, MSc; *From University of Southern California, Los Angeles, CA*

Weight-Based Enoxaparin for Venous Thromboembolic Event Prophylaxis in Adult Trauma Patients Results in Improved Prophylaxis

Simon Rodier, MPhil; Gary T. Marshall, MD, FACS; Samantha Moore, PharmD; Charles DiMaggio, PhD; Spiros G. Frangos, MD, FACS; Patricia Ayoung-Chee, MD, FACS; Manish Tandon, MD, FACS; Marko Bukur, MD, FACS; *From New York University School of Medicine, New York, NY*

Low-Anticoagulant Heparin Improves Outcome after Traumatic Brain Injury (TBI): Balancing Inflammation Mitigation and Bleeding Potentiation

Syed M. Ahmed, MD; Christina L. Jacovides, MD; Yujin Suto, MD, PhD; Ryan M. Leone; Abigail Roche; Maura T. Weber; Victoria E. Johnson, MBChB, PhD; Lewis J. Kaplan, MD, FACS, FCCM; Douglas H. Smith, MD; Jose L. Pascual, MD, PhD, FACS, FRCSC, FCCM; *From University of Pennsylvania, Philadelphia, PA*

Age-Related Alteration of the Fibrin Platelet Balance: The Impact of Age on Coagulation Following Injury

Anamaria J. Robles, MD; Lucy Z. Kornblith, MD; Amanda S. Conroy, BSN; Mitchell J. Cohen, MD; Rachael A. Callcut, MD, MSPH, FACS; *From University of California, San Francisco, San Francisco, CA*

Popliteal Vein Ligation Is Not Associated with Worse Outcomes in Trauma Patients

Vincent Cheng, MD; Saskya Byerly, MD; Kazuhide Matsushima, MD; Kenji Inaba, MD, FACS, FRCSC; Gregory A. Magee, MD, MSc; *From LAC+USC Medical Center, Los Angeles, CA*

Trauma-Specific Coagulation Factor Deficiencies in the Severely Injured Patient

Gregory R. Stettler, MD; Ernest E. Moore, MD, FACS; Geoffrey R. Nunns, MD; Julia R. Coleman, MD, MPH; Jason Samuels, MD; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD; Angela Sauaia, MD, PhD; *From University of Colorado, Aurora, CO*

Gut-Derived Succinate Provides Toxicity to Post-Shock Mesenteric Lymph and Contributes to Remote Organ Dysfunction Following Injury

Geoffrey R. Nunns, MD; Ernest E. Moore, MD, FACS; John R. Stringham, MD; Gregory R. Stettler, MD; Angelo D'Alessandro, PhD; Sanchayita Mitra, MS; Anirban Banerjee, PhD; Christopher C. Silliman, MD, PhD; Erik D. Peltz, DO, FACS; *From University of Colorado Denver, Aurora, CO, Denver Health Medical Center, Denver, CO, Bonfils Blood Center, Denver, CO*

A Blood Immune Suppression Index (BISI) Based on IL10/IL12 and ARG1/NOS2 Ratios Is Predictive of Immune Dysfunction and Respiratory Failure after Burn Injury

Wesley H. Stepp, PhD; Irmak Saklayici; Madison J. Malfitano; Samuel W. Jones, MD; Robert Maile, PhD; Bruce A. Cairns, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Incidence and Functional Significance of Augmented Renal Clearance in Trauma Patients at High Risk for Venous Thromboembolism

Sarah A. Eidelson, MD; Michelle B. Mulder, MD; Rishi Rattan, MD; Charles A. Karcutskie, MD; Jonathan P. Meizoso, MD, MSPH; SriGita K. Madiraju; Edward B. Lineen, MD, FACS; Carl I. Schulman, MD, PhD, MSPH, FACS; Nicholas Namias, MD, MBA, FACS, FCCM; Kenneth G. Proctor, PhD; *From University of Miami, Miami, FL*

Selective Recruitment of a Lethal Macrophage Subset in Sepsis by Macrophage Migration Inhibitory Factor (MIF) but Not Its Homologue MIF2

Wibke K. Schulte, MD; Patricia Tilstam, PhD; Thomas W. Holowka, MD, PhD; Marta Piecuchna, MS; Lin Leng, PhD; Jürgen Bernhagen, PhD; Richard Bucala, MD, PhD; *From Yale University, New Haven, CT, Charité University Hospital, Berlin, Germany*

SF209 | 9:45-11:15 am

Bariatric/Foregut I

LOCATION: 151AB

TRACK(S): BTR, GEN

MODERATORS:

Jacob A. Greenberg, MD, FACS, *Madison, WI*
Amir A. Ghaferi, MD, MS, FACS, *Ann Arbor, MI*

Enhanced Systemic and Intestinal Glucose Metabolism after Sleeve Gastrectomy Is Independent of Weight Loss



David A. Harris, Jr., MD; Amir I. Mina; Dimitrije Cabarkapa, MS; Keyvan Heshmati, MD; Renuka Subramaniam, DVM, PhD; Alexander S. Banks, PhD; Ali Tavakkoli, MB, BS, FACS; Eric G. Sheu, MD, PhD; *From Brigham and Women's Hospital, Boston, MA*

Evaluating the Effect of Surgical Skill on Outcomes for Laparoscopic Sleeve Gastrectomy: A Video-Based Study

Oliver A. Varban, MD, FACS; Jyothi R. Thumma, MPH; Jonathan F. Finks, MD, FACS; Arthur M. Carlin, MD, FACS; Amir A. Ghaferi, MD, MS; Justin B. Dimick, MD, MPH, FACS; *From University of Michigan, Ann Arbor, MI*

Sleeve Gastrectomy Increases Intestinal Transit Time and Gut Permeability in a Murine Model of Obesity

Keith Wirth, MD; Scott Kizy, MD; Cyrus Jahansou, MD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS; *From University of Minnesota, Minneapolis, MN*

Longitudinal Effects of Surgical Weight Loss on Brain Structure

Jack R. Martinez; Sina Aslan, PhD; Francesca M. Filbey, PhD; Nancy Puzziferri, MD, MSCS, FACS; *From University of Texas Southwestern Medical Center, Dallas, TX, University of Texas, Dallas - Center for Brain Health, Dallas, TX*

Utilization and Outcomes among Adopters and Abandoners of Robotics in Bariatric Surgery

Oliver A. Varban, MD, FACS; Anne H. Cain-Nielsen, MS; Michael H. Wood, MD, FACS; Jonathan F. Finks, MD, FACS; Dana A. Telem, MD, FACS; Amir A. Ghaferi, MD, MS; *From University of Michigan, Ann Arbor, MI*

Bariatric Surgery Decreases Pericardial Fat and Lowers the Risk of Developing Coronary Artery Disease

Mauricio Sarmiento Cobos, MD; Camila Ortiz Gomez, MD; Nadar Estfanous, MD; Elliot J. Wasser, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL*

Practice Patterns Regarding Extended Chemoprophylaxis for Venous Thromboembolism Following Bariatric Surgery in the U.S.

Lindsey N. Clark, MD; Melissa C. Helm, MS; Jon C. Gould, MD, FACS; *From Medical College of Wisconsin, Milwaukee, WI*

Laparoscopic Gastric Devascularization Reduces Anastomotic Complications following Minimally Invasive Esophagectomy

Anahita Jalilvand, MD; Megan G. Pino; Patricia Belle, MS; Michelle C. Nguyen, MD, MPH; David S. Strosberg, MD; E. Christopher Ellison, MD; Robert E. Merritt, MD, FACS; Kyle A. Perry, MD, FACS; *From The Ohio State Wexner Medical Center, Columbus, OH*

Comparison of Biologic and Absorbable Synthetic Mesh Outcomes in Paraesophageal Hernia Repair (PEHR)

Angela M. Kao, MD; Javier Otero, MD; Kathryn A. Schlosser, MD; Julia E. Marx; Tanushree Prasad, MA; Vedra A. Augenstein, MD, FACS; Paul D. Colavita, MD; B. Todd Heniford, MD; *From Carolinas Medical Center, Charlotte, NC*

Economic Costs Associated with Laparoscopic Single Anastomosis Gastric Bypass (LSAGB) vs. Laparoscopic Roux-en-Y Gastric Bypass (LRYGB) - Prospective Randomized Clinical Trial

Miguel J. Garcia-Oria, MD, PhD; Jose A. Rivera, MD; Jesus Alvarez, MD, PhD; Mariano Artes, MD; Ana Sanchez, PhD; Rocio Campos, MD; Pau Pla Sánchez, MIR; Carmen L. Leon Gamez, MD; Victor Sanchez, MD, PhD, FACS; *From Hospital Universitario Puerta de Hierro Majadahonda, Majadahonda, Madrid, Spain*

SF210 | 9:45-11:15 am

Surgical Education III

LOCATION: 109AB

TRACK(S): EDU

MODERATORS:

Jonathan M. Dort, MD, FACS, *Falls Church, VA*
Elizabeth G. Grubbs, MD, FACS, *Houston, TX*

A Critical Assessment of Stop the Bleed®: Skills for Both Lay and Medical Rescuers

Morgan S. Martin, MD; Alison A. Smith, MD, PhD; Tyler Zeoli; Sarah M. Baker, MSc; Juan Duchesne, MD; Chrissy Guidry, DO; Lance E. Stuke, MD, MPH, FACS; Jeffrey M. Elder, MD; Jennifer Avegno, MD; Rebecca W. Schroll, MD, FACS; *From Tulane University, New Orleans, LA, Louisiana State University, New Orleans, LA*

Creativity of Health Care Students and Providers: A Subjective and Objective Analysis

Timothy J. Stoddard; Adam J. Katz, MD; *From University of Florida, Gainesville, FL*

SCORE's This Week in SCORE (TWIS) Quiz: Improving Efficiency and Consistent Quality Using a Crowd-Sourced Question Writing Process

Aitua Salami, MD, MPH; Kerry B. Barrett; Mary E. Klingensmith, MD, FACS; Mark A. Malangoni, MD, FACS; Paula M. Termuhlen, MD, FACS; James C. Hebert, MD, FACS; Amit Joshi, MD, FACS; *From Einstein Healthcare Network, Philadelphia, PA*

A Novel Competency-Based Curriculum for Laparoscopic Cholecystectomy Decreases Operative Performance Variability among Surgery Residents

John R. Martin, MD; Nicholas E. Anton, MS; Dimitrios Stefanidis, MD, PhD; Jennifer N. Choi, MD, FACS; *From Indiana University, Indianapolis, IN*

Resident Operative Reports: The Need for Education

Karim G. Sabeh, MD; Niall Smyth, MD; Karthik Meiyappan; Seth D. Dodds, MD; Sheila A. Conway, MD; *From University of Miami, Miami, FL*

Qualities and Methods of Highly Effective Surgical Educators: A Grounded Theory Model

Robert A. Swendiman, MD, MPP; Daniel I. Hoffman; Adrienne N. Bruce, MD; Thane A. Blinman, MD, FACS; Carol M. Chou, MD; *From University of Pennsylvania Health System, Philadelphia, PA, Children's Hospital of Philadelphia, Philadelphia, PA*

Postoperative Rescue Course (PORC): A Novel Curriculum

Lisa L. Schlitzkus, MD, FACS; Matthew R. Goede, MD; Jessica I. Summers, MD, FACS; Kasondra-Therese S. Phillips, RN; David J. Adriansen, EdD, NREMT; Kami L. Willet, RN; Jonathan Borgwing, MEd; Patricio G. Bruno, DO, FAAFP; Yasuharu Okuda, MD; Jason M. Johanning, MD, FACS; *From University of Nebraska Medical Center, Omaha, NE, Veterans Health Administration VISN 23, Minneapolis, MN, Veterans Health Administration SimLEARN, Orlando, FL*

Learning Style Variation: A British Core Surgical Trainee Perspective

Chris Brown, MBBCh, MRCS; Oliver W. Luton, MBBCh, MRCS; David Robinson, MBBCh, MRCS; Tarig Abdelrahman, BM, MRCS, MD; Luke Hopkins, MBBCh, MRCS; Richard J. Egan, MD, FRCS; Arfon G. Powell, PhD, MRCS; John Pollitt, FRCS; Wyn Lewis, FRCS DSc; *From Wales Deanery School of Surgery, Cardiff, United Kingdom*

A Structured Remediation Program Improves American Board of Surgery In-Training Exam (ABSITE®) Performance and Has a Durable Effect

Philip J. Wasicek, MD; Eric S. Wise, MD; Stephen M. Kavic, MD; *From University of Maryland Medical Center, Baltimore, MD*

Training the Trainer: Evaluation of an Intraoperative Teaching Intervention for Surgeon Educators

Taiwo Adesoye, MD; Brian J. Dunkin, MD; Stephanie Zajac, PhD; *From Houston Methodist Hospital, Houston, TX*

SF211 | 9:45-11:15 am

General Surgery II

LOCATION: 102AB

TRACK(S): GEN

MODERATORS:

Jonah J. Stulberg, MD, PhD, MPH, FACS, *Chicago, IL*

Caroline E. Reinke, MD, *Charlotte, NC*

Clinical Utility of the American College of Surgeons Surgical Risk Calculator

Esmaeel R. Dadashzadeh, MD; Patrick Bou-Samra, MD; *From University of Pittsburgh Medical Center, Pittsburgh, PA*

The Development of the Carolinas Equation for Determining Associated Risks Application (CeDAR App) and Its Effects on Patient Outcomes and Potential Financial Savings in Open Ventral Hernia Repair (OVHR)

Javier Otero, MD; Tiffany C. Cox, MD; Ciara R. Huntington, MD; Tanushree Prasad, MA; Bradley R. Davis, MD; Kevin R. Kasten, MD; Kent W. Kercher, MD, FACS; Paul D. Colavita, MD; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD; *From Carolinas Medical Center, Charlotte, NC*

Utility of Model for End-Stage Liver Disease (MELD) Score in Predicting Postoperative Morbidity and Mortality in Non-Cirrhotic Patients

Amelia W. Maiga, MD, MPH; Kyla P. Terhune, MD, MBA, FACS; Kamran Idrees, MD, MSCI, MMHC, FACS; *From Vanderbilt University Medical Center, Nashville, TN*

The Effects of Harm Events on the Rate of 30-Day Readmissions in Surgical Patients

Wan-Ting K. Su, PhD; Indra Adrianto, PhD; Christina L. Shabet; Jessica Haeusler, MA; Jack Jordan, MS; Ilan Rubinfeld, MD, FACS; *From Henry Ford Health System, Detroit, MI*

Preoperative Laboratory Testing and Outcomes in Elective Outpatient Surgery

Joshua Tseng, MD; Harry C. Sax, MD, FACS; Rodrigo F. Alban, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

Taking Control of Your Surgery: The Impact of a Prehabilitation Program on Major Abdominal Surgery

Ryan Howard, MD; Yue S. Yin; Lane K. McCandless; Stewart C. Wang, MD, PhD, FACS; Michael J. Englesbe, MD, FACS; David A. Machado-Aranda, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Nationwide Reduction in Transfusion and Reduced Surgical Morbidity in General Surgery

Courtney M. Hamilton; Daniel L. Davenport, PhD; Kevin M. Schuster, MD, FACS; Oscar D. Guillaumondegui, MD, MPH, FACS; Barbara J. Martin, MBA, RN; Andrew Bernard, MD, FACS; *From University of Kentucky, Lexington, KY, Vanderbilt University, Nashville, TN, Yale University, New Haven, CT*

Americas Hernia Society Quality Collaborative (AHSQC) Allows for Quality Improvement: Decreasing Thromboembolic Events after Abdominal Wall Reconstruction

Clayton C. Petro, MD; Luciano Tastaldi, MD; David M. Krpata, MD; Ajita S. Prabhu, MD, FACS; Hemasat Alkhatib, MD; Steven M. Rosenblatt, MD, FACS; Michael J. Rosen, MD, FACS; *From Cleveland Clinic, Cleveland, OH*

There Is an Important Difference in the BMI Threshold for Increased Complications after Open vs. Laparoscopic Ventral Hernia Repair

Rumbidzayi Nzara, MD; Sowmya R. Rao, PhD; Luise I. Pernar, MD; *From Boston Medical Center, Boston, MA*

The Prognostic Index, but not Body Composition, Is an Accurate Tool for Preoperative Outcome Estimation in Patients with Primary Resectable Pancreatic Ductal Adenocarcinoma

Elisabeth S. Gruber, MD; Gerd Jomrich, MD; Klaus Sahora, MD; Michael Gnant, MD, FACS; Martin Schindl, MD; *From Medical University of Vienna, Vienna, Austria*

SF212 | 9:45-11:15 am**Global Surgery and Humanitarian Outreach II**

LOCATION: 160BC

TRACK(S): INT, HUM

MODERATORS:

Ziad C. Sifri, MD, FACS, *Newark, NJ*Adeyinka C. Adisa, MB, BS, FACS, *Aba, Nigeria***Validating the Global Surgery Accessibility Indicator: Comparing Geographical Modeling to Patient-Reported Travel Times to a Rural District Hospital in Eastern Rwanda**

Magdalena A. Gruendl, MPH; Niclas Rudolfson, BM; Kristin A. Sonderman, MD, MPH; Frederick Kateera, MD; Theoneste Nkurunziza, MSc; Edison Nihwacu, BSc; Bahati Ramadhan, RN; Robert Riviello, MD, MPH; Bethany Hedt-Gauthier, PhD; *From Harvard Medical School, Boston, MA, Partner in Health/Inshuti Mu Buzima, Kigali, Rwanda, Brigham and Women's Hospital, Boston, MA*

In-Hospital Delays to Surgical Intervention Is Associated with Increased Mortality for Emergent General Surgery Conditions at a Tertiary Hospital in Malawi

Laura N. Purcell, MD; Trista Reid, MD, MPH; Chifundo Kajombo, MB, BS, FCS; Jared R. Gallaher, MD, MPH; Anthony G. Charles, MD, FACS; Rebecca Maine, MD, MPH; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Can the Pediatric Resuscitation and Trauma Outcomes (PRESTO) Be Used to Predict In-Hospital Mortality in Injured Rwandese Children?

Etienne St-Louis, MD; Robin T. Petroze, MD, MPH; Robert Baird, MDCM; Tarek Razek, MD, FRCSC, FACS; Dan Poenaru, MD, FACS; J. Forrest Calland, MD; Jean-Claude Byiringiro, MD, MMed, FCS-Orth(ECSA); Edmond Ntaganda, MD, MMed; *From Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda, Centre for Global Surgery, McGill University Health Centre, Montreal, Quebec, Global Surgery Initiative, University of Virginia, Charlottesville, VA*

Improvement in Congenital Heart Surgery in a Developing Country: The Costa Rican Experience

Katherine R. Hebel, MD; Karla Castro, MD; John J. Squiers, MD; Rocío Porras Velásquez, MD; Javier E. Brenes González, MD; J. Michael DiMaio, MD; *From University of Texas Southwestern Medical Center, Dallas, TX, Hospital Nacional de Niños, San Jose, Costa Rica, Baylor Scott & White Research Institute, Plano, TX*

Feasibility of Utilizing a Social Media Platform and Electronic Self-Assessment Program to Improve Surgical Education in Sub-Sahara Africa

Sara Sabihi, PhD; Charles A. Adisa, MB, BS, FWACS, FACS; Tolulope A. Oyetunji, MD, MPH; Bruce C. Steffes, MD, FACS; Obi Ekwenne, MD; Katherine J. Deans, MD, FACS; Peter C. Minneci, MD, MHS; Benedict C. Nwomeh, MD, MPH, FACS; *From Nationwide Children's Hospital, Columbus, OH*

Characteristics and Three-Month Outcomes of Children with Hydrocephalus Treated with Ventriculo-Peritoneal Shunts in Malawi

Joanna Grudziak, MD; Trista Reid, MD, MPH; Rebecca Maine, MD, MPH; Nidia Rodriguez-Ormaza, MD, MPH; Anthony G. Charles, MD, FACS; *From University of North Carolina, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Surgical Safety Checklist Completion and Barriers to Completion in a Mobile Surgery Program

Eustina G. Kwon; Merve Gurakar; Blasco Guzhñay, MD; Anita L. Vicuña, MD; Henry B. Perry, MD; Junaid Razzak, MD, PhD, FACEP; Sudha P. Jayaraman, MD, MSc, FACS; Michel B. Aboutanos, MD, MPH, FACS; Edgar B. Rodas, MD; *From Cinterandes Foundation, RichmondCuenca, VA Ecuador, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, Virginia Commonwealth University-Program for Global Surgery, Richmond, VA*

Scaling Access to Care in Rural Mexico via Digital Health, Telemedicine, and Drone

Sharon Wulfovich; Pedro Matabuena; Diego Amaya Wilhelm, BEng; Leonardo A. García Osuna, BEng; Katarzyna Wac, PhD; Homero Rivas, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Surgical International Rotations: The Latin American Survey

Maria F. Jimenez Ayala, MD, FACS; Tanya L. Zakrison, MD, MPH, FACS; Juan C. Puyana, MD; Paula Ferrada, MD, FACS; Andres M. Rubiano, MD; Jorge L. Turizo, MD; David Mayo, MD; *From Hospital Universitario Mayor, Bogotá D.C., Colombia*

SF213 | 9:45-11:15 am**e-Poster Rounds III**

LOCATION: 253ABC

TRACK(S): BTR, CTS, EDU, GEN, GER, HP, PED, ONC, TRA

e-Posters are listed in the Scientific Forum e-Poster section on page 172.

SF214 | 9:45-11:15 am**Thoracic Surgery II**

LOCATION: 161

TRACK(S): CTS

MODERATORS:

Shawn S. Groth, MD, FACS, *Houston, TX*Matthew J. Bott, MD, *Ho-Ho-Kus, NJ***Synchronous Unknown Pulmonary Lesions in the Setting of Known Non-Small Cell Lung Cancer: A Common Clinical Conundrum**

Matthew S. Garner, MD; Nadege T. Fackche, MD; Errol L. Bush, MD, FACS; Stephen R. Broderick, MD, MPH; Richard J. Battafarano, MD, PhD; Stephen C. Yang, MD; Peng Huang, PhD; Malcolm Brock, MD; *From Johns Hopkins University, Baltimore, MD*

Comparison of Intraoperative Evaluation of the Gastric Conduit Perfusion between Thermal Imaging and ICG Fluorescence Angiography

Katsunori Nishikawa, MD, FACS; Yujiro Tanaka, MD; Yuichiro Tanishima, MD; Shunsuke Akimoto, MD; Fumiaki Yano, MD; Norio NM Mitsumori, MD; Katsuhiko K. Yanaga, MD, PhD FACS; *From The Jikei University Department of Surgery, Tokyo, Japan*

Use of Progel Is Not Associated with Reduction in Postoperative Air Leak after Non-Anatomic Lung Resection

Rebecca Gologorsky, MD; Jeffrey B. Velotta, MD; Amy Alabaster, MPH; *From Kaiser Permanente Northern California, Oakland, CA, University of California, San Francisco-East Bay, Oakland, CA*

Analysis of the Factors Influencing Adoption of Minimally Invasive Esophagectomy Using the National Cancer Database

Jerald Borgella, MD; Fernando Espinoza-Mercado, MD, FACS; Taryne A. Imai, MD; Harmik J. Soukiasian, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

Outcomes in Transhiatal Esophagectomy vs. Transthoracic Esophagectomy Following Neoadjuvant Therapy

Emeka M. Ndubisi, MD; Philips Harrington, MD; Jose N. Binongo, PhD; Manu S. Sancheti, MD; Felix G. Fernandez, MD, FACS; Seth D. Force, MD, FACS; Allan Pickens, MD; *From Emory University School of Medicine, Atlanta, GA*

Performance of Touch Preparation vs. Frozen Section for Immediate Analysis of Intrathoracic Lymph Nodes

Alison Wenholtz; Xiao-Meng Xu, MD; Ranjana Nawgiri, MD; Ikenna C. Okereke, MD; *From University of Texas Medical Branch, Galveston, TX*

Morbidity in Heart and Lung Transplant Patients after General Surgery Procedures

Tarundeep Singh; Aleksander Zywoit, MD, MPH; Subroto Paul, MD; *From Morristown Medical Center, Morristown, NJ, RWJ Barnabas Health, Livingston, NJ, Rutgers New Jersey Medical School, Newark, NJ*

Outcomes of Robotic Lobectomy for Lung Cancer beyond the Learning Curve: Comparison with Open and Video-Assisted Thoracic Approach

Peter J. Kneuert, MD; Desmond M. D'Souza, MD; Susan D. Moffatt-Bruce, MD, PhD, FACS; Robert E. Merritt, MD, FACS; *From The Ohio State University Wexner Medical Center, Columbus, OH*

Propensity Matched Analysis of Perioperative Outcomes in Robotic-Assisted Thoracic Surgery (RATS), Video-Assisted Thoracic Surgery (VATS), and Open Lung Resections

Greg J. Haro, MD; Johannes R. Kratz, MD; David M. Jablons, MD; Michael J. Mann, MD; Jasleen Kukreja, MD; *From University of California, San Francisco, San Francisco, CA*

Standardized Management Pathway for Postoperative Atrial Fibrillation after Esophagectomy Improves Patient Outcomes

Jessa E. Miller; Michael Pienta, MD; Niki Matusko; William R. Lynch, MD; Jules Lin, MD; Philip W. Carrott, MD; Kiran H. Lagisetty, MD; Rishindra M. Reddy, MD, FACS; Andrew C. Chang, MD; Mark B. Orringer, MD, FACS; *From University of Michigan Medical School, Ann Arbor, MI*

Surgical Approach Impacts Length of Stay and Time to Adjuvant Chemotherapy in Stage IIA and IIB Lung Cancer: A Population-Based Analysis Using the National Cancer Database

Jerald Borgella, MD; Fernando Espinoza-Mercado, MD; Taryne A. Imai, MD; Harmik J. Soukiasian, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

SF215 | 12:45 pm-2:15 pm General Surgery III

LOCATION: 157BC

TRACK(S): GEN

MODERATORS:

Benjamin K. Poulouse, MD, MPH, FACS, *Columbus, OH*
David A. Santos, MD, FACS, *Houston, TX*

A Prospective Validation of the Abdominal Hernia-Q (AHQ) Instrument

Jaclyn T. Mauch; Irfan A. Rhemtulla, MD, MS; Fabiola A. Enriquez; Robyn B. Broach, PhD; Charles A. Messa; Sheri Thrippleton, PA-C; Joe M. Serletti, MD; Ronald P. DeMatteo, MD; Judy A. Shea, PhD; John P. Fischer, MD; *From University of Pennsylvania, Philadelphia, PA*

Prospective, International Comparison of Quality of Life (QOL) Outcomes after Laparoscopic (L) vs. Open Ventral Hernia Repair (OVHR)

Javier Otero, MD; Paul D. Colavita, MD; Kathryn A. Schlosser, MD; Michael R. Arnold, MD; Angela M. Kao, MD; Tanushree Prasad, MA; Amy E. Lincourt, PhD; B. Todd Heniford, MD; *From Carolinas Medical Center, Charlotte, NC*

Decision Making in Ventral Hernia Repair (VHR): MIS or Open Approach

Kathryn Schlosser, MD; Michael R. Arnold, MD; Javier Otero, MD; Tanushree Prasad, MA; Paul D. Colavita, MD; Kent W. Kercher, MD, FACS; B. Todd Heniford, MD; Vedra A. Augenstein, MD, FACS; *From Carolinas Medical Center, Charlotte, NC*

Should We Routinely Close the Fascial Defect in Laparoscopic Ventral and Incisional Hernia Repair?

Romina F. Reino, MD; Maria E. Peña, MD; Laura A. Mattioni, MD; Francisco Schlottmann, MD; Emmanuel E. Sadava, MD; *From Hospital Alemán de Buenos Aires, Buenos Aires, Argentina*

Mechanical vs. Non-Mechanical Mesh Fixation in Open Retromuscular Ventral Hernia Repair (RVHR): A Comparative Analysis from the Americas Hernia Society Quality Collaborative (AHSQC)

Shervin A. Etemad; LiChing Huang, PhD; Sharon E. Phillips, MSPH; Thomas G. Stewart, PhD; Richard A. Pierce, MD, PhD, FACS; Steven Schneeberger; Benjamin K. Poulos, MD, MPH, FACS; *From Vanderbilt University Medical Center, Nashville, TN*

Risk Factors for Hernia Recurrence: Preoperative Weight or Postoperative Complications?

Bryan V. Dieffenbach, MD; Joshua S. Jolissaint, MD; Thomas C. Tsai, MD; Joseph M. Mets, MD; Luise I. Pernar, MD; Stanley W. Ashley, MD; Ali Tavakkoli, MB, BS, FACS; *From Brigham and Women's Hospital, Boston, MA, Boston Medical Center, Boston, MA*

Can We Predict Incisional Hernia? - Development of a Prediction Instrument using the Health Care Cost and Utilization Project (HCUP)

Irfan A. Rhemtulla, MD, MS; Jesse Y. Hsu, PhD; Robyn B. Broach, PhD; Charles A. Messa; Jaclyn T. Mauch; Joe M. Serletti, MD; Ronald P. DeMatteo, MD; John P. Fischer, MD; *From University of Pennsylvania, Philadelphia, PA*

Incisional Hernia Development following Pancreatic Resections

Merritt Denham; Michael Ujiki, MD, FACS; Susan J. Stocker, BLS; Chi-Hsuing Wang, PhD; David J. Winchester, MD, FACS; Mark S. Talamonti, MD, FACS; John G. Linn, MD; *From NorthShore University Health System, Evanston, IL*

Incisional Hernia Prevention using Dehydrated Amniotic Membrane in Rat Model

Frank Lau, MD; Patrick Greiffenstein, MD, FACS; Ian A. Hodgdon, MD, FACS; Kazi N. Islam, PhD; Celia A. Short, MD; Aran Yoo, MD; Leslie Birke, DVM; *From Louisiana State University Health Sciences Center, New Orleans, LA*

Prophylactic Mesh Augmentation: Patient Selection, Techniques, and Early Outcomes

Irfan A. Rhemtulla, MD, MS; Jaclyn T. Mauch; Robyn B. Broach, PhD; Charles A. Messa; John P. Fischer, MD; *From University of Pennsylvania, Philadelphia, PA*

SF216 | 12:45 pm-2:15 pm Bariatric/Foregut II

LOCATION: 151AB

TRACK(S): BTR, GEN

MODERATORS:

Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA*

Luke M. Funk, MD, MPH, FACS, *Madison, WI*

Diabetes Medication Cessation at Discharge Predicts 1-year Diabetes Remission Following Bariatric Surgery

Keyvan Heshmati, MD; David A. Harris, Jr., MD; Ali Tavakkoli, MB, BS, FACS; Eric G. Sheu, MD, PhD; *From Brigham and Women's Hospital, Boston, MA*

The Role of Metabolic Health in the Proteome of Visceral White Adipose Tissue and Peripheral Blood in Patients Undergoing Bariatric Surgery

Doulamis P. Ilias, MD; Panagiotis Konstantopoulos, PhD; *From National and Kapodistrian University of Athens, Athens, Greece*

Characterization of Dysphagia after Magnetic Sphincter Augmentation Device Placement for Gastroesophageal Reflux Disease

Evan T. Alicuben, MD; James M. Tatum, MD; Jamil S. Samaan; Nikolai A. Bildzukewicz, MD, FACS; Kamran Samakkar, MD, FACS; Caitlin C. Houghton, MD; Gregory Stone; Kulmeet Sandhu, MD, FACS, FASMB; Adrian Dobrowolsky, MD; John C. Lipham, MD; *From University of Southern California, Los Angeles, CA*

National Analysis of Missed Venous Thromboembolism after Bariatric Surgery: Are We Missing Our Own Complications?

Sarah A. Eidelson, MD; Rishi Rattan, MD; Joshua Parreco, MD; Michelle B. Mulder, MD; Kenneth G. Proctor, PhD; L. Renee Hilton, MD; *From University of Miami, Miami, FL, Augusta University, Augusta, GA*

The Change of Gut Microbiota between Different Weight Reduction Programs

Belle Y. Lin; Wei-De Lin, PhD; Chih-Kun Huang, MD; Ming-Che Hsin, MD; Wen-Yuan Lin, MD, PhD; Aurora D. Pryor, MD, FACS; *From China Medical University and Hospital, Taichung, Taiwan, Stony Brook University School of Medicine, Stony Brook, NY*

Prognostic Significance of Postoperative Morbidity Severity Score after Potentially Curative D2 Gastrectomy for Carcinoma

Arfon G. Powell, PhD, MRCS; Katie Mellor, MB, ChB, MRCS; Christopher Brown, MB, ChB, MRCS; Luke Hopkins, MBBCh, MRCS; David Robinson, MBBCh, MRCS; Wyn G. Lewis, MD, DSc, FRCS; *From Cardiff University, Cardiff, United Kingdom, Cardiff & Vale University Health Board, Cardiff, United Kingdom*

Influence of Body Mass Index (BMI) on Adequacy of Venous Thromboembolism Prophylaxis in Sleeve Gastrectomy Patients

Luigi Brunetti, PharmD, MPH; Andrew M. Wassef; Ragui W. Sadek, MD, FACS; Sung Shin Na; Paul W. Riley, PhD, MBA; Leonid Kagan, PhD; *From Robert Wood Johnson Barnabas University Hospital, New Brunswick, NJ, Rutgers University, Piscataway, NJ, Diagnostica Stago Incorporated, Parsippany, NJ*

Effect of Sleeve Gastrectomy (SG) on Ectopic Fat Deposition

Lidia Castagneto Gissei, MD; James R. Casella Mariolo, MD; Giovanni Casella, MD, PhD; Giulia Angelini, MS, PhD; Geltrude Mingrone, MD; Marco Castagneto, MD, FACS; *From University of Rome, Rome, Italy*

SF217 | 12:45 pm-2:15 pm

Health Services Research IV

LOCATION: 205A

TRACK(S): HP

MODERATORS:

Amir A. Ghaferi, MD, FACS, *Ann Arbor, MI*

Angela M. Ingraham, MD, *Madison, WI*

Understanding the Black Box: The Role of Specialist Intensity and Surgical Utilization in Accountable Care Organization Performance

Spencer W. Trooboff, MD, MBA; Jesse A. Columbo, MD; Ravinder Kang, MD, MS; Philip P. Goodney, MD, FACS; Sandra L. Wong, MD, MS, FACS; *From Dartmouth-Hitchcock Medical Center, Lebanon, NH, The Dartmouth Institute, Lebanon, NH, Veterans Health Administration, White River Junction, VT*

Fireworks Legislation and the Incidence of Severe Fireworks-Related Injuries in Washington State

Sherise Epstein, MD, MPH; Todd W. Lyons, MD, MPH; Rahel Hintza; Kari A. Keys, MD; *From Harborview Medical Center, Seattle, WA, Boston Children's Hospital, Boston, MA*

Variation in Failure to Rescue: Do the Best Hospitals Excel across All Procedures?

Brian T. Fry, MS; Margaret E. Smith, MD; Amir A. Ghaferi, MD, MS; Justin B. Dimick, MD, MPH, FACS; *From Michigan Medicine, Ann Arbor, MI*

Health Care Resource Utilization in Laparoscopic and Open Inguinal Hernia Repair

Andrew P. Rogers, MD; Yiwei Xu, MHS; Jeff A. Havlena, MS; Anne O. Lidor, MD, MPH, FACS; *From University of Wisconsin, Madison, WI*

Functional and Cognitive Decline among Older Adults Undergoing High-Risk Surgery

Pasithorn A. Suwanabol, MD, MS; Yun Li, PhD; Paul Abrahamse, MA; Justin B. Dimick, MD, MPH, FACS; *From University of Michigan, Ann Arbor, MI*

Improving Transitional Care after Complex Abdominal Surgery: Results of a Telemedicine-Based Transitional Care Intervention

Alexander V. Fisher, MD; Stephanie A. Campbell-Flohr, PhD; Kristine M. Leahy-Gross, MSN, RN, CPHQ; Maria Brenny-Fitzpatrick, DNP; Alexandra W. Acher, MD; Amy J. Kind, MD, PhD; Sean M. Ronnekleiv-Kelly, MD; Daniel E. Abbott, MD; Emily R. Winslow, MD, FACS; Sharon M. Weber, MD, FACS; *From University of Wisconsin, Madison, WI*

Nonoperative Management of Appendicitis in Privately Insured Patients

Lindsay A. Sceats, MD; Amber W. Trickey, PhD; Arden M. Morris, MD, FACS; Cindy J. Kin, MD, MS; Kristan D. Staudenmayer; *From Stanford University, Stanford, CA*

Building Local Communities of Prior Living Donors and Creating a Social Architecture to Improve Rates of Living Kidney Donation

Sanjay Kulkarni, MD; Peter S. Yoo, MD, FACS; Ramesh Batra, MD, FRCS; Danielle J. Haakinson, MD; Peter Schulam, MD, PhD; David C. Mulligan, MD; *From Yale University School of Medicine, New Haven, CT*

SF218 | 12:45 pm-2:15 pm

Pediatric Surgery II

LOCATION: 259AB

TRACK(S): PED

MODERATORS:

Kevin P. Mollen, MD, FACS, *Pittsburgh, PA*

Diana L. Diesen, MD, FACS, *Dallas, TX*

An Algorithm for Calculating Haller Index for Pectus Excavatum Using 3-Dimensional (3D) Optical Scanning

Jordan S. Taylor, MD; Dalia Szafer; Sriraman Madhavan; Seyedhadi Hosseini, PhD; Allison Pei; Rajashree Koppolu, RN, MS, CPNP; Karen D. Barnaby, NP; Enrico Danzer, MD; James K. Wall, MD; Stephanie Chao, MD; *From Stanford University, Stanford, CA*

Parenteral Nutrition Use in Pediatric Traumatic Brain Injury Patients Is Associated with More Frequent Complications: A Propensity-Matched Analysis Using the National Trauma Data Bank

Cory McLaughlin, MD; Caron Park, MS; Wendy J. Mack, PhD; Christianne J. Lane, PhD; Erica N. Barin; Avery D. Nathens, MD, FACS; Randall S. Burd, MD, PhD; Henri R. Ford, MD, MHA, FACS, FAAP, FRCSEng(Hon); Jeffrey S. Upperman, MD, FACS; Aaron R. Jensen, MD; *From Children's Hospital Los Angeles, Los Angeles, CA*

Factors Affecting the Management of Pediatric Ovarian Neoplasms: A Multi-institutional Analysis

Amy E. Lawrence, MD; Mary E. Fallat, MD; Jennifer H. Aldrink, MD, FACS; Geri D. Hewitt, MD; S.P. Hertweck, MD; Amanda J. Onwuka, MPH, PhD; Peter C. Minneci, MD, MHSc; Katherine J. Deans, MD, FACS; *From Nationwide Children's Hospital, Columbus, OH, University of Louisville Norton Children's Hospital, Louisville, KY*

Patterns of Pediatric Mortality from Motor Vehicle Crashes among U.S. Counties: Where Are the Disparities?

Ali A. Mokdad, MD, MS; Fiemu Nwariaku, MD; Lindsey L. Wolf, MD, MPH; Faisal G. Qureshi, MD, MBA; *From University of Texas Southwestern, Dallas, TX, Children's Medical Center, Dallas, TX, Brigham and Women's Hospital, Boston, MA*

Children with Developmental Disabilities Are More Likely to Experience Complications Following Surgery

Charlotte L. Kvasnovsky, MD, PhD, MPH; Jeannie Y. Chun, MD; Jose J. Diaz, Jr., MD, FACS; Andrew R. Hong, MD; Kimberly M. Lumpkins, MD, FACS, FRCS; *From University of Maryland Medical Center / Shock Trauma Center, Baltimore, MD, Providence Children's Health, Portland, OR, Cohen Children's Medical Center, New Hyde Park, NY*

Pediatric Resuscitation: Weight-Based Packed RBCs Volume Is a Reliable Predictor of Mortality

Mohammad Hamidi, MD; Muhammad Zeeshan, MD; Narong Kulvatunyou, MD, FACS; Faisal Jehan, MD; Lynn M. Gries, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Marion C. Henry, MD, MPH; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Decreased Opioid Prescribing in Children Using an Enhanced Recovery Protocol

Katherine J. Baxter, MD, MS; Heather L. Short, MD; Rebecca S. Steinberg; Kurt F. Heiss, MD; Mehul V. Raval, MD, MS; *From Emory University, Children's Healthcare of Atlanta, Atlanta, GA*

Highs and Lows of Discharge Opioid Prescribing in Common Pediatric Surgical Procedures

Kathryn T. Anderson, MD, MPH, MS; Marisa A. Bartz-Kurycki, MD; Dalya M. Ferguson, MD; Akemi L. Kawaguchi, MD, FACS; Mary T. Austin, MD, MPH; Lillian S. Kao, MD, MS, FACS; Kevin P. Lally, MD, FACS; KuoJen Tsao, MD, FACS; *From McGovern Medical School, University of Texas Health Sciences, Houston, TX, Children's Memorial Hermann Hospital, Houston, TX*

SF219 | 12:45 pm-2:15 pm

Breast II

LOCATION: 255

TRACK(S): GEN, ONC

MODERATORS:

Elisa R. Port, MD, FACS, *New York, NY*

Jacqueline S. Jeruss, MD, PhD, FACS, *Ann Arbor, MI*

National Trends in Mastectomy Use for Ductal Carcinoma in Situ (DCIS) by Race/Ethnicity and Age and Time

Biqi Zhang; Tawakalitu O. Oseni, MD; Suzanne B. Coopey, MD; Michele A. Gadd, MD, FACS; Kevin S. Hughes, MD, FACS; David C. Chang, PhD, MBA, MPH; *From Massachusetts General Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Reverse Axillary Mapping and Lymphaticovenous Bypass: Lymphedema Prevention through Enhanced Lymphatic Visualization and Restoration of Flow

Graham S. Schwarz, MD, FACS; Stephen R. Grobmyer, MD, FACS; Risal Djohan, MD; Steven Bernard, MD; Cagri Cakmakoglu, MD; Rebecca Knackstedt, MD; Courtney Yanda, MPH; Stephanie A. Valente, DO, FACS; *From Cleveland Clinic, Cleveland, OH*

The Value of Axillary Ultrasound After Negative Axillary MRI for Evaluating Nodal Status in High Risk Breast Cancer Patients

Tariq Almerey, MD; Diego Villacreses, MD; Zhuo Li, MS; Tammeza Gibson, PA; Sanjay P. Bagaria, MD, FACS; Sarah A. McLaughlin, MD; *From Mayo Clinic, Jacksonville, FL*

Lymphovascular Invasion Is Associated with Lymph Node Metastasis in Ductal Carcinoma in Situ with Microinvasion

Jessica C. Gooch, MD; Freya R. Schnabel, MD, FACS; Jennifer Chun, MPH; Samantha Raymond; Amber A. Guth, MD, FACS; Richard L. Shapiro, MD; Deborah Axelrod, MD; Karen L. Hiotis, MD, FACS; Agnes Radzio, MD; Daniel F. Roses, MD; *From New York University Langone Medical Center, New York, NY*

Comparison of Breast Conserving Surgery vs. Mastectomy in Women under Age 40: National Trends and Survival Implications

Stefanie P. Lazow, MD; Luis Riba, MD; Ted A. James, MD, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA*

Use of Indocyanine Green in Detection of Breast Axillary Sentinel Lymph Nodes

Alex W. Farnand, MD; Priya S. Bhakta, MD; Mohammad R. Afrasiabi, MD; Maria Osipova, MD; Mark M. Connolly, MD, FACS; *From Presence Saint Joseph Hospital - Chicago, Chicago, IL*

Is Microductectomy Still Necessary to Diagnose Breast Cancer: A Ten-Year Study on the Effectiveness of Duct Excision and Galactography

Daniel B. Lustig, MSc, MD; Rebecca Warburton, BSc, MD, FRCSC; Urve Kuusk, MD, FRCSC; Carol K. Dingee, MD, FRCSC; JinSi Pao, MD; Elaine C. McKeivitt, MD, FACS; *From University of British Columbia, Vancouver, British Columbia, Providence Health Care, Vancouver, British Columbia*

Facilitating Outpatient (Same Day) Mastectomy Utilizing Multimodal Pain Control

Radbeh Torabi, MD; Cameron T. Ward Coker, MD; Channing S. Hood, MS-IV; Adam I. Riker, MD; *From Louisiana State University Health Sciences Center, New Orleans, LA*

Decreasing Rates but Increasing Complexity of Axillary Lymph Node Dissection for Breast Cancer

Sarah E. Severance, MD; Ben L. Zarzaur, MD, MPH, FACS; Samilia Obeng-Gyasi, MD, MPH; Paul Thiruchelvam, MD, PhD; Carla S. Fisher, MD; *From Indiana University, Indianapolis, IN*

Changes in Utilization of Axillary Dissection in Women with Invasive Breast Cancer and Sentinel Node Metastasis after ACOSOG Z0011 Trial

Joshua Tseng, MD; Rodrigo F. Alban, MD, FACS; Emily Siegel, MD; Armando E. Giuliano, MD, FACS; Farin Amersi, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

SF220 | 12:45 pm-2:15 pm
Surgical Education IV

LOCATION: 157A

TRACK(S): EDU

MODERATORS:

Nabil Issa, MBChB, FACS, *Chicago, IL*Christiana M. Shaw, MD, MS, FACS, *Gainesville, FL***The Learning Environment in Surgery Clerkship: What Are Faculty Perceptions?**

Manuel Castillo-Angeles, MD, MPH; Rodrigo Calvillo-Ortiz, MD; Courtney E. Barrows, MD; Elliot L. Chaikof, MD, PhD, FACS; Tara S. Kent, MD, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA*

Patient Perception of Medical Student Professionalism: Does Attire Matter?

Sharjeel Israr, MD; Pamela W. Goslar, PhD; Kristina M. Chapple, PhD; Aabra Ahmed; Joel J. Hayden; Jordan A. Weinberg, MD, FACS; Ronald A. Gagliano, MD; Thomas L. Gillespie, MD; *From St. Joseph Hospital and Medical Center, Phoenix, AZ*

Playing the Role of the Scrub Nurse by Junior Surgery Residents in the Operating Room Improves Their Technical and Non-Technical Skills

Benjamin Nelson, MD; Na Eun Kim, MD; Brandy L. Sullivan, BSN, RN; Fjoralba Kristo, MD, MPH; Patrick B. O'Neal, MD, FACS; Vivian M. Sanchez, MD, FACS; Edward E. Whang, MD; Gentian Kristo, MD, MPH; *From Boston VA Healthcare System, West Roxbury, MA*

Medical Student Burnout Has Minimal Impact on Surgery Clerkship Performance

Alexander R. Cortez, MD; Vikrom K. Dhar, MD; Krishna P. Athota, MD; R. Cutler Quillin, MD; *From University of Cincinnati, Cincinnati, OH*

Second Shift at Home: Impact of Domestic Responsibilities on Career Satisfaction for Physician Mothers in Procedural Fields

Heather Lyu, MD; Nelya Melnitchouk, MD, MSc; Rebecca E. Scully, MD, MPH; Jennifer S. Davids, MD, FACS; *From University of Massachusetts Medical School, Worcester, MA, Brigham and Women's Hospital/Harvard Medical School, Boston, MA*

Glass Ceilings and Sticky Floors: Defining Barriers and Facilitators for the Advancement for Women of Academic Surgery

Julie A. Thompson-Burdine; Janet C. Dombrowski, BSN, MHSA; Dana Telem, MD, MPH; Jennifer F. Waljee, MD, FACS; Erika A. Newman, MD, FACS; Dawn M. Coleman, MD; Hadley Stoll; Gurjit Sandhu, PhD; *From University of Michigan, Ann Arbor, MI*

Optimizing Engagement of Medical Students in Surgical Education Research: The eMERG Training Network

John Hanrahan, BSc; Iakovos Theodoulou, BSc; Terouz Pasha, MSc; Marios Nicolaides; Georgios Stagias, MSc; Nikolaos Psychalakis; George C. Velmahos, MD, PhD; Georgios Tsoulfas, MD, FACS; Michail Sideris, MD; Apostolos Papalois, PhD; *From Experimental Research Centre ELPEN, Athens, Greece, Women's Health Research Unit, Queen Mary University London, London, United Kingdom, King's College London, London, United Kingdom*

Medical Students as Stop the Bleed® "Instructors"

Tyler Zeoli; Alison A. Smith, MD, PhD; Morgan S. Martin, MD; Sarah M. Baker, MSc; Juan Duchesne, MD; Patrick Greiffenstein, MD, FACS; Margaret M. Moore, MD; Patrick McGrew, MD; Jennifer Avegno, MD; Rebecca W. Schroll, MD, FACS; *From Tulane University, New Orleans, LA, Louisiana State University, New Orleans, LA*

Recruiting Medical Students into Surgical Fields: Gender Trends in Detering Factors and Activities that Support Student Interest

Margarita Peterson; Benjamin Berwick, MS; Jeanette M. Stafford, MS; Matthew P. Goldman, MD; Justin B. Hurie, MD, FACS; Matthew S. Edwards, MD, FACS; Gabriela Velazquez-Ramirez, MD, FACS; *From Wake Forest University School of Medicine, Winston-Salem, NC*

A Preoperative Educational Time Out (ETO) Is Feasible, Improves Resident Goal Setting, and Strengthens Educational Experience

Heather A. Lillemoe, MD; David P. Stonko, MS; Mary C. Schuller, MEd; Brian C. George, MD; Maura E. Sullivan, PhD; Kyla P. Terhune, MD, MBA, FACS; Jonathan P. Fryer, MD; Sunil K. Geevarghese, MD, MSCI, FACS; *From Vanderbilt University Medical Center, Nashville, TN*

SF221 | 2:30-4:00 pm
Vascular Surgery III

LOCATION: 205A

TRACK(S): VAS

MODERATOR:

David H. Stone, MD, FACS, *Lebanon, NH*Ryan M. McEnaney, MD, *Pittsburgh, PA***Impact of Prior Endovascular Aortic Repair on Outcomes of Open Thoracoabdominal Aortic Surgery**

Harleen K. Sandhu, MD, MPH; Samuel D. Leonard; Charles C. Miller, PhD; Anthony L. Estrera, MD, FACS; Hazim J. Safi, MD, FACS; *From McGovern Medical School at UTHealth, Houston, TX*

Deep Learning Algorithm Predicts EVAR Same-Day Discharge with Discrimination Equivalent to a Validated Regression Model

Devin S. Zarkowsky, MD; Bisma Nejim, MBChB, MPH; Itay Hubara, MSc; Caitlin W. Hicks, MD, MS; Philip P. Goodney, MD, FACS; Jade S. Hiramoto, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins Hospital, Baltimore, MD, University of California, San Francisco, San Francisco, CA, Dartmouth-Hitchcock Medical Center, Lebanon, NH*

Epigenetic Regulation of Prostaglandin E2 (PGE2) Synthesis Alters Macrophage Function to Promote Inflammation and Impair Diabetic Wound Healing

Frank M. Davis, MD; Amrita Joshi, PhD; Andrew S. Kimball, MD; Aaron denDekker, PhD; Katherine Gallagher, MD; *From University of Michigan, Ann Arbor, MI*

Outcomes for Infrainguinal Endovascular Intervention and Lower Extremity Bypass in Kidney Transplant Recipients Are Superior to the Outcomes of Patients Remaining on Dialysis

Ryan W. King, MD; Mahmoud Malas, MD, MHS, FACS; Thomas E. Brothers, MD, FACS; *From Medical University of South Carolina, Charleston, SC, Johns Hopkins Medical Institution, Baltimore, MD*

Engineering Human Acellular Vessels for Dialysis Access and Vascular Repair

Jeffrey H. Lawson, MD, FACS; Shannon L. Dahl, PhD; Shawn M. Gage, PA-C; Alison J. Pilgrim, BM, DPhil; Heather L. Prichard, PhD; William E. Tente, MS; Laura E. Niklason, MD, PhD; *From Humacyte, Inc., Durham, NC, Duke University, Durham, NC, Yale University, New Haven, CT*

Circulating FAS Is a Novel Biomarker of Disease Severity in Patients with Peripheral Arterial Disease and Diabetes

Gayan S. De Silva, MD; Kshitij A. Desai; Clay F. Semenkovich, MD; Luis A. Sanchez, MD; Mohamed A. Zayed, MD, PhD; *From Washington University in St. Louis, St. Louis, MO*

Present-Day Analysis of Early Reamputation after Forefoot Amputation

Benjamin R. Zambetti, MD; Zachary E. Stiles, DO; Prateek K. Gupta, MD; Shaun M. Stickley, MD, FACS; Reshma R. Brahmabhatt, MD; Michael J. Rohrer, MD, FACS; Kelly Kempe, MD; *From University of Tennessee Health Science Center, Memphis, TN*

Post-Mesenteric Thrombotic Enteropathy: Small Bowel Stricture Is an Underestimated Chronic Complication after Mesenteric Venous Thrombosis

Sun ShiLong, MD; Weiwei Ding, MD; *From Integrated Intestinal Stroke Center, Nanjing, China*

An Update on Incidence of Hemodialysis Vascular Access and Trends in Mortality: 10-Year National Study

Satinderjit S. Locham, MD; Courtenay M. Holscher, MD; Hanaa Dakour Aridi, MD; Joseph K. Canner, MHS; Grace J. Wang, MD, FACS; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins Medical Institutions, Baltimore, MD*

Vulnerable Elderly Patients: Role of Frailty in Patients Undergoing Endovascular Repair of Abdominal Aortic Aneurysm

Viraj Pandit, MD; Faisal Jehan, MD; Bellal Joseph, MD, FACS; Muhammad N. Khan, MD; Sandeep Jhaji, MD; Mohammad Hamidi, MD; Tze-Woei Tan, MD; Muhammad Zeeshan, MD; Craig Weinkauff, MD, PhD; Wei Zhou, MD; *From University of Arizona, Tucson, AZ*

SF222 | 2:30-4:00 pm

Colon and Rectal Surgery II

LOCATION: 157BC

TRACK(S): CRS

MODERATORS:

Scott A. Strong, MD, FACS, FASCRS, *Chicago, IL*

Kellie L. Mathis, MD, FACS, *Oronoco, MN*

Evaluating the Inhibitory Effects of LY2510924, A Cyclic Peptide CXCR4 Antagonist, in Human Colon Cancer Metastasis Using an Orthotopic Xenograft Model

David Levine; Linh Hellmers; Grace Maresh, PhD; Xin Zhang, MD, PhD; Ravan Moret, MS; Heather J. Green, MS; David A. Margolin, MD; Li Li, MD, PhD; *From Ochsner Clinic Foundation, New Orleans, LA, Ochsner Department of Colon and Rectal Surgery, New Orleans, LA*

Distinct Colonic Transcriptomes Segregate Multifocal and Unifocal Diverticulitis Patients

Bryan P. Kline, MD; Kathleen M. Schieffer, PhD; Sue Deiling; Leonard LH. Harris; Gregory S. Yochum, PhD; Walter A. Koltun, MD, FACS; *From Penn State Milton S. Hershey Medical Center, Hershey, PA*

Intraoperative FiO2 ≥ 80 Percent and Risk of Surgical Site Infection after Colorectal Surgery

Benjamin Kuritzkes, MD; Teng Huang, MS; Onur Baser; Anthony R. Brown, MD; Minjae Kim, MD; Kenneth A. Forde, MD; Ravi P. Kiran, MD; *From Columbia University Medical Center/ NewYork Presbyterian, New York, NY*

Lymph Node Positivity in T1/T2 Rectal Cancer: A National Cancer Database Analysis

Adam C. Fields, MD; Nelya Melnitchouk, MD, MSc; Jennifer L. Irani, MD; Ronald Bleday, MD; Joel E. Goldberg, MD, MPH; *From Brigham and Women's Hospital, Boston, MA*

Statewide Implementation of Enhanced Recovery Associated with Reduced Length of Stay and Postoperative Complications in Patients Undergoing Elective Laparoscopic Colorectal Surgery

Traci L. Hedrick, MD, FACS; Taryn E. Hassinger, MD, MS; Jean Donovan, RN; H. David Reines, MD; Edward F. Damico, BSN, RN, CNOR; Sandy L. Fogel, MD, FACS; Jorge L. Posadas, MD, FACS; Florence E. Turrentine, RN, PhD; *From University of Virginia, Charlottesville, VA, Inova Fairfax Hospital, Fairfax, VA, Carilion Clinic, Roanoke, VA*

Rectal Cancer Surgery in the U.S.: How Many Cases Are Needed per Hospital to Achieve Optimal Outcomes?

Wissam J. Halabi, MD; Gerald Ogola, PhD; Katerina Wells, MD, MPH; Walter R. Peters, Jr., MD, FACS; James W. Fleshman, Jr., MD, FACS, FASCRS; *From Baylor University Medical Center, Dallas, TX, University of California, Davis, Sacramento, CA*

Robotic vs. Laparoscopic Surgery for Rectal Cancer: A Look at the Nationwide Inpatient Sample (NIS) Database

Mark A. Jayanathan, MD; Marcus B. Fluck; Kevin C. Long, MD; Christopher J. Buzas, DO, FACS; Kristen Halm, MD; Mohsen Shabahang, MD, FACS; Tania K. Arora, MD; Joseph A. Blansfield, MD, FACS; *From Geisinger Medical Center, Danville, PA*

The Redness and Healing Scale: A Reproducible Measure of Wound Healing in Colorectal Surgery

Leonardo C. Duraes, MD, PhD; Jean Ashburn, MD; Mariane G. Monteiro de Camargo, MD; Luca Stocchi, MD, FACS; Tracy L. Hull, MD, FACS; Olga Lavryk, MD; David Liska, MD; *From Cleveland Clinic Foundation, Cleveland, OH*

Hydrogen Sulfide (H₂S) Produced by Cystathionine-Gamma-Lyase (CSE) Mediates Colonic Epithelial Restitution

Ketan K. Thanki, MD; Manjit Maskey, MS; Michael E. Nicholls, MSci; Katalin Modis, PharmD, PhD; Edward J. Higgins; Armita Abdollahi Govar, MA; Irina V. Pinchuk, PhD; Mark R. Hellmich, PhD; *From University of Texas Medical Branch at Galveston, Galveston, TX*

SF223 | 2:30-4:00 pm**Plastic and Maxillofacial Surgery II**

LOCATION: 153ABC

TRACK(S): PLA

MODERATORS:

Please see the Addendum or Clinical Congress App for Moderators.

Doxycycline-Coated Silicone Breast Implant Reduces Surgical Site Infections Compared with Standard Gentamycin/Cefazolin/Bacitracin Wash

Jennifer E. Baker, MD; Ryan M. Boudreau, MD; Aaron P. Seitz, MD; Erich Gulbins, MD, PhD; Michael Edwards, MD; Ryan M. Gobble, MD; *From University of Cincinnati, Cincinnati, OH, University of Duisburg-Essen, Essen, Germany*

Autologous Tissue Transfer Return to the Operating Room Outcome

Ruya Zhao; Matthew Lyes; Scott T. Hollenbeck, MD, FACS; *From Duke School of Medicine, Durham, NC*

Abdominoplasty after Massive Weight Loss: Standardized Technique and Results of a High-Volume Post-Bariatric Center

Sebastiaan Van Cauwenberge, MD, FACS; Karen De Paep, MD; Ilia Van Campenhout, MD; Bruno Dillemans, MD; *From AZ Sint-Jan Brugge-Oostende AV, Campus Brugge, Brugge, Belgium*

How to Diagnose a 'TOS'ser

Roisin Dolan, MD; Henk Giele, MD; *From Oxford University Hospitals NHS Trust, Oxford, United Kingdom*

Outcomes of Lower Extremity Soft-Tissue Sarcoma Reconstruction: A 20-Year Experience

Kelly Bridgham; Jad M. El Abiad, MD; Zhen A. Lu; Deepa Bhat, MD; Carol D. Morris, MD, MS; Adam S. Levin, MD; Justin M. Sacks, MD, MBA, FACS; *From Johns Hopkins School of Medicine, Baltimore, MD*

A Novel Technique for Tissue Engineering Periosteum using Three-Dimensional Bioprinting

Brandon Alba; Pooja Swami, MS; Neil Tanna, MD, MBA, FACS; Daniel Grande, PhD; *From Northwell Health, Great Neck, NY, Zucker School of Medicine at Hofstra/Northwell, Hempstead, NY*

Using Three-Dimensional Printing to Construct Chitosan Alginate Scaffolds for Nasal Alar Cartilage Tissue Engineering

Brandon Alba; Pooja Swami, MS; Neil Tanna, MD, MBA, FACS; Daniel Grande, PhD; *From Northwell Health, Great Neck, NY, Zucker School of Medicine at Hofstra/Northwell, Hempstead, NY*

Autologous vs. Alloplastic Cranioplasty: Effects on Pediatric Cranial Growth Patterns

Robert T. Nevitt III, MD; Gregory Heuer, MD, PhD; Phillip B. Storm, MD; Jesse A. Taylor, MD; Scott Bartlett, MD; Phuong D. Nguyen, MD; *From The Children's Hospital of Philadelphia, Philadelphia, PA*

Novel Technique of Vascularized Longitudinal Hemi-Metatarsal Second Toe Transfer for Reconstruction of Congenital Hand Differences

Roisin Dolan, MD; Henk Giele, MD; *From Oxford University Hospitals NHS Trust, Oxford, United Kingdom*

A Simple and Reliable Method for Intraoperative Measurement of Fascial Tension: Implications for Complex Hernia Repair

Jaime L. Bernstein; Adam S. Levy, MD; Karel-Bart Celie; Jason A. Spector, MD, FACS; *From Weill Cornell Medical College/ NewYork-Presbyterian, New York, NY*

SF224 | 2:30-4:00 pm**Hepatobiliary and Pancreas III**

LOCATION: 102AB

TRACK(S): GEN

MODERATORS:

Adam S. Bodzin, MD, Chicago, IL
Maria C. Russell, MD, FACS, Atlanta, GA

Association of Adjuvant Radiotherapy (RT) with Survival after Margin-Negative (R0) Resection of Pancreatic Ductal Adenocarcinoma (PDAC):**A Propensity-Matched National Cancer Database (NCDB) Analysis**

Sivesh K. Kamarajah; Christopher J. Sonnenday, MD, MHS, FACS; Clifford S. Cho, MD, FACS; Timothy L. Frankel, MD, FACS; Filip Bednar, MD; Hari Nathan, MD, PhD, FACS; *From University of Michigan, Ann Arbor, MI*

MiR-19b Involved in Pancreatic Cancer Cells Resistance to Erlotinib and Associated with a Poor Prognosis in Pancreatic Cancer

Jianwei Xu, MD, PhD; Hanxiang Zhan, MD, PhD; Lei Wang, MD, PhD; *From Dept. General Surgery, Qilu Hospital, Shandong University, Ji'nan, China*

The Utilization and Impact of Adjuvant Therapy Following Neoadjuvant Therapy and Complete Resection of Pancreatic Adenocarcinoma: Does More Really Matter?

Justin A. Drake, MD; Zachary E. Stiles, DO; Stephen W. Behrman, MD; Evan S. Glazer, MD, PhD; Jeremiah L. Deneve, DO, FACS; Martin D. Fleming, MD, FACS; David Shibata, MD, FACS, FASCRS; Brad Somer, MD; Noam Vanderwalde, MD, MS; Paxton V. Dickson, MD, FACS; *From University of Tennessee Health Science Center, Memphis, TN*

Single-Institution Outcomes of Enhanced Recovery after Surgery Protocol Implementation in Pancreatoduodenectomy

Essa M. Aleassa, MD; Nancy Anzlovar, BSN, RN; Gareth Morris-Stiff, MD, PhD; *From Cleveland Clinic, Cleveland, OH*

Significant Impact of Adjuvant Hepatic Arterial Infusion Chemotherapy for Resectable Pancreatic Cancer

Masayuki Sho, MD, PhD, FACS; Kota Nakamura, MD; Takahiro Akahori, MD; Minako Nagai, MD; Satoshi Nishiwada, MD, PhD; Kenji Nakagawa, MD; Toshihiro Tanaka, MD; Hideyuki Nishiofuku, MD; Kimihiko Kichikawa, MD; Naoya Ikeda, MD, PhD, FACS; *From Nara Medical University, Nara, Japan*

Post-Pancreatectomy Discharge Destination: Impact of Modifiable Risk Factors

David A. Mahvi, MD; Linda M. Pak, MD; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD; *From Brigham and Women's Hospital, Boston, MA, VA Boston Healthcare, West Roxbury, MA*

Adjuvant Chemotherapy Should Follow Pancreaticoduodenectomy for Pancreatic Adenocarcinoma Despite Delays

Megan C. Turner, MD; Marcelo Cerullo, MD, MPH; Mohamed Adam, MD; Kevin N. Shah, MD; Dan G. Blazer, MD; James L. Abbruzzese, MD; Sabino Zani, MD, FACS; *From Duke University, Durham, NC*

Ultra-Fast Track Pancreaticoduodenectomy: Who Qualifies?

David A. Mahvi, MD; Linda M. Pak, MD; Sourav K. Bose, MD, MBA, MSc; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD; *From Brigham and Women's Hospital, Boston, MA, VA Boston Healthcare, West Roxbury, MA*

Impact of Coronary Artery Stenting on Perioperative Mortality and Complications in Patients Undergoing Pancreaticoduodenectomy

Thuy Tran, MD; Vijay K. Maker, MD, FACS, FRCS; Ajay V. Maker, MD, FACS; *From University of Illinois at Chicago, Chicago, IL, University of Illinois at Chicago-Metropolitan Group, Chicago, IL*

Current Utilization and Outcomes for Epidural Analgesia during Pancreatoduodenectomy

Zachary E. Stiles, DO; Benjamin R. Zambetti, MD; Paxton V. Dickson, MD, FACS; Stephen W. Behrman, MD; *From University of Tennessee Health Science Center, Memphis, TN*

SF225 | 2:30-4:00 pm

Geriatric and Palliative Care

LOCATION: 157A

TRACK(S): GER

MODERATORS:

Ballal Joseph, MD, FACS, *Tucson, AZ*

Toni M. Beninato, MD, FACS, *Brooklyn, NY*

Hospital Experience in High-Risk Geriatric Surgery (HRGS) Improves Outcomes: A National Analysis

Jill Q. Klausner, MD; Christopher P. Childers, MD; Melinda Maggard-Gibbons, MD, MSHS; Marcia M. Russell, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

Interaction of Frailty and Postoperative Complications on Unplanned Readmission Following Elective Outpatient Surgery

Jordan R. Stern, MD; Kelly Blum, MS; Amber W. Trickey, PhD; Daniel E. Hall, MD, FACS; Jason M. Johanning, MD, MS, FACS; Arden M. Morris, MD, FACS; Mary T. Hawn, MD, FACS; Shipra Arya, MD, SM, FACS; *From Stanford University, Stanford, CA, University of Nebraska, Omaha, NE, University of Pittsburgh, Pittsburgh, PA*

Prospective Evaluation of Health-Related Quality of Life in Geriatric Trauma Patients

Chelsey Santino, MS; Muhammad Zeeshan, MD; Terence O'Keeffe, MBChB, FACS; Muhammad N. Khan, MD; Lynn M. Gries, MD; Narong Kulvatunyou, MD, FACS; El Rasheid Zakaria, MD, PhD; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Racial and Ethnical Disparities in Withdrawal of Care in Trauma Patients

James E. Palmer; Muhammad N. Khan, MD; Mohammad Hamidi, MD; Lynn M. Gries, MD; Muhammad Zeeshan, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, FACS; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Delirium Is Associated with Decreased Postoperative Activity in Patients Undergoing Inpatient Operations

Heather Carmichael, MD; Douglas M. Overbey, MD; Edward L. Jones, II, MD; Teresa S. Jones, MD; Carlton C. Barnett, Jr., MD, FACS; John T. Moore, MD, FACS; Krzysztof J. Wikel, MD, FACS; Thomas N. Robinson, MD, FACS; *From University of Colorado, Aurora, CO, Denver Veterans Affairs Medical Center, Denver, CO*

Prospective Evaluation of Preoperative Cognitive Impairment and Postoperative Morbidity in Geriatric Patients Undergoing Emergency General Surgery

Muhammad N. Khan, MD; Muhammad Zeeshan, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MBChB, FACS; Mohammad Hamidi, MD; El Rasheid Zakaria, MD, PhD; Narong Kulvatunyou, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Failure to Rescue in Octogenarian Patients Undergoing Emergency General Surgery: An ACS NSQIP® Study

Bardiya Zangbar, MD; Natalya Chernichenko, MD, FACS; Daniel J. Gross, MD; Abbasali Badami, MD; Sayed Imtiaz, MD, MS; Ramy Abdel-Naby, MD; Leon Boudourakis, MD; Tim Schwartz, DO; Valery Roudnitsky, MD; Rainer W.G. Gruessner, MD; *From SUNY Downstate Medical Center, Brooklyn, NY, New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY, Kings County Hospital Center, Brooklyn, NY*

Vulnerable Elderly Surgical Patients: Is It the Time for Geriatric Emergency General Surgery Quality Improvement Program?

Kimberly B. Golisch; Muhammad Zeeshan, MD; El Rasheid Zakaria, MD, PhD; Faisal Jehan, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keeffe, MBChB, FACS; Andrew L. Tang, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Computed Tomography Assessment of Sternocleidomastoid Muscle for Sarcopenia: A Novel Outcomes Predictor in Geriatric Trauma Patients

Richard G. Wittmeyer, DO; Jason M. Weinberger, DO; Michael S. Johns, DO; Trelawny J. Zimmermann, DO; Richard J. Caplan, PhD; Mark D. Cipolle, MD, PhD, FACS; *From Christiana Care Health System, Newark, DE*

The Impact of Emergency General Surgery on Quality of End-of-Life Care among Older Cancer Patients

Katherine C. Lee, MD, MSc; Daniel J. Sturgeon, MS; Elizabeth J. Lilley, MD; Eric Roeland, MD; Stuart Lipsitz, ScD; Joaquim M. Havens, MD; Zara Cooper, MD, MSc, FACS; *From Brigham and Women's Hospital, Boston, MA*

SF226 | 2:30-4:00 pm
e-Poster Rounds IV

LOCATION: 253ABC

TRACK(S): BTR, CTS, EDU, GEN, HP, INT, HUM, TRA

e-Posters are listed in the Scientific Forum e-Poster section on page 161.

SF227 | 2:30-4:00 pm
Trauma IV

LOCATION: 109AB

TRACK(S): TRA

MODERATORS:

Jeffrey A. Claridge, MD, FACS, *Cleveland, OH*
S. Rob Todd, MD, FACS, FCCM, *Houston, TX*

The Effect of Patient Volume and ACS Trauma Level Designation on Mortality: A National Trauma Data Bank® Study

Asadulla Chaudhary, MD; Colin R. Kennedy, MD; Shelby S. Cooper, MD, FACS; Mark R. Anderson, RN; Nicholas J. Hellenenthal, MD FACS; Theodor I. Kaufman, MD; Daphne Monie, PhD; *From Bassett Medical Center, Cooperstown, NY*

Morbid Obesity Is Protective in Blunt Abdominal Trauma

Faran Bokhari, MD, FACS; ChihYuan Fu, MD; Francesco Bajani, MD; *From Stroger Hospital of Cook County, Chicago, IL*

Identification of Seniors at Risk (ISAR) Scoring in Geriatric Trauma: Exploring Clinical Outcome Correlations

Stephen D. Dingley, DO; Christine L. Ramirez, MD; Holly J. Weber; Rebecca Wilde-Onia, MSN, RN, CCRN, TCRN; Ann Marie Szoke, DNP, CRNP; Adam Benton, PA-C; Danielle Bennett, PA-C; Alaa-Eldin Mira, MD; Stanislaw P. Stawicki, MD, FACS; *From St. Luke's University Health Network, Bethlehem, PA*

Frailty but Not Age Predicts Postoperative Outcomes in Complex Abdominal Wall Reconstruction

Apar S. Patel, MD, MPH; Kartik Prabhakaran, MD, MHS, FACS; David J. Samson, MS; Jorge Con, MD, FACS; Hasanat Alamgir, MBA, PhD; Rifat Latifi, MD, FACS; *From Westchester Medical Center Network and New York Medical College, Valhalla, NY*

Improving the Performance of the Revised Trauma Score (RTS) for Pediatric Trauma Patients Using Shock Index (SI) and Oxygen Saturation (SpO2)

Radu Filipescu, MD; Colin Powers, MD; David H. Rothstein, MD, MS, FACS, FAAP; Carroll M. Harmon, MD; Brian M. Clemency, DO; Kathryn D. Bass, MD; *From Oishei Children's Hospital, Buffalo, NY*

Shock Index: A Simple Predictor of Exploratory Laparotomy and Massive Blood Transfusion Protocol (MTP) in Patients with Abdominal Trauma

Ayman El-Menyar, MD; Ruben Peralta, MD, FACS, FCCM; Rifat Latifi, MD, FACS; Rafael J. Consunji, MD, MPH; Hassan Al-Thani, MD; *From Hamad General Hospital, Doha, Qatar, Weill Cornell Medical School, Westchester Medical Center, Valhalla, NY*

Intra-Abdominal Packing Does Not Increase Infection Risk or Mandate Longer Presumptive Antibiotic Therapy

Rindi Uhlich, MD; Parker J. Hu, MD; Jeffrey D. Kerby, MD, PhD, FACS; Patrick L. Bosarge, Jr., MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Always at the Ready: Out of Hours Presentation Does Not Affect Mortality among Critically Injured Trauma Patient

Rachel L. Fowler, MD; Andrew H. Stephen, MD; Stephanie N. Lueckel, MD, ScM, FACS; Eric Benoit, MD; Charles A. Adams, MD, FACS, FCCM; Sean F. Monaghan, MD; William G. Cioffi, Jr., MD, FACS; Daithi S. Heffernan, MD, FACS; *From Brown University / Rhode Island Hospital, Providence, RI*

Off-Hours Outcomes of Hypotensive Trauma Patients: Weekend Nights Safest in Pennsylvania

Adrian W. Ong, MD, FACS; Jacqueline J. Speer, DO; Niels D. Martin, MD; Thomas E. Wasser, PhD; Patrick K. Kim, MD; Amanda McNicholas, CRNP; Forrest B. Fernandez, MD; *From Reading Hospital, Reading, PA, University of Pennsylvania, Philadelphia, PA*

SF228 | 4:15-5:45 pm**General Surgery IV**

LOCATION: 157A

TRACK(S): GEN

MODERATORS:

Carlos V. R. Brown, MD, FACS, *Austin, TX*Vanessa P. Ho, MD, MPH, FACS, *Cleveland, OH***Most of the Variation in Length of Stay in Emergency Surgery is Not Patient Related: A National Analysis of 226,632 Procedures**

Aditya Achanta, BBA; Ask T. Nordestgaard, BSc; Napaporn Kongkaewpaisan, MD; Kelsey R. Han; April Mendoza, MD; Noelle Saillant, MD; Martin G. Rosenthal, MD; Peter J. Fagenholz, MD; George C. Velmahos, MD, FACS; Haytham M. A. Kaafarani, MD, MPH, FACS; *From Massachusetts General Hospital, Boston, MA*

Acute Care Surgery Model Associated with Decreased Mortality in Emergency General Surgery (EGS)

Kathleen B. To, MD; Neil S. Kamdar, MA; Preethi Patil, MPH; Stacey D. Collins, MA; Elizabeth Seese, MS, CCRC; Greta L. Krapohl, PhD, RN; Darrell Campbell, Jr., MD; Michael J. Englesbe, MD; Mark R. Hemmila, MD; Lena M. Napolitano, MD, FACS; *From University of Michigan, Ann Arbor, MI, Michigan Surgical Quality Collaborative, Ann Arbor, MI*

Emergency General Surgery Procedures in the Bone Marrow Transplant Population

Sharven Taghavi, MD; Manuel Castillo-Angeles, MD, MPH; Tarsicio Uribe-Leitz, MD, MPH; Deepika Nehra, MD; Zara Cooper, MD, MSc, FACS; Joaquim M. Havens, MD; Adil H. Haider, MD, MPH; Ali Salim, MD; Reza Askari, MD, FACS; *From Brigham and Women's Hospital, Boston, MA, Harvard University School of Medicine, Boston, MA*

Outcomes of Open Abdomen vs. Primary Closure Following Emergent Laparotomy for Secondary Peritonitis: A Propensity-Matched Analysis

Angela M. Kao, MD; Lawrence N. Cetrulo, MD; Maria R. Baimas-George, MD, MPH; B. Todd Heniford, MD; Bradley R. Davis, MD; Kevin R. Kasten, MD; *From Carolinas Medical Center, Charlotte, NC*

Transversus Abdominis Plane (TAP) Blocks in Emergency General Surgery (EGS): Toward Improving Opioid Prescription Practices and Reducing Duration of Stay

Matthew C. Hernandez, MD; Kristine T. Hanson, MPH; Eric J. Finnesgard; Johnathon M. Aho, MD, PhD; Henry J. Schiller, MD, FACS; Martin D. Zielinski, MD, FACS; *From Mayo Clinic Rochester, Rochester, MN*

Trends in the Management of Small Bowel Obstruction in Washington State 1987-2015

John Monu, MD; Rebecca Symons, MPH; Giana H. Davidson, MD, MPH, FACS; David R. Flum, MD, FACS; *From University of Washington, Seattle, WA*

A Comparison of Cholecystitis Grading Scales

Tarik D. Madni, MD; Paul A. Nakonezny, PhD; Jonathan B. Imran, MD; Luis R. Taveras, MD; Holly B. Cunningham, MD; Ryan J. Vela, MD; Christian T. Minshall, MD; Stephen S. Luk, MBA, MD, FACS, FCCP; Herb A. Phelan, MD, MSCS, FACS; Michael W. Cripps, MD, FACS; *From University of Texas Southwestern, Dallas, TX*

Investigating the Effect of Discordant Clinical and Pathological Diagnoses of Complicated Appendicitis on Clinical Outcomes

Janell Holloway; Lanair A. Lett; Dennis Y. Kim, MD, FACS; Darin J. Saltzman, MD, PhD; Michael P. Ferebee, MD; Ian T. MacQueen, MD; Christian de Virgilio, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

Prolonged Operative Time in Emergency General Surgery Increases Venous Thromboembolic Complications

Joseph V. Sakran, MD, MPH, MPA, FACS; Mohammad Hamidi, MD; Ambar Mehta, MPH; Muhammad Zeeshan, MD; David T. Efron, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ, Johns Hopkins Hospital, Baltimore, MD*

The Impact of Alcohol and Drug Abuse on Emergency General Surgery

Manuel Castillo-Angeles, MD, MPH; Deepika Nehra, MD; Joaquin M. Havens, MD; Christopher J. Burns, MD; Ali Salim, MD; Stephanie Nitzschke, MD; *From Brigham and Women's Hospital, Boston, MA*

SF229 | 4:15-5:45 pm**Health Services Research V**

LOCATION: 161

TRACK(S): HP

MODERATORS:

Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*Luke M. Funk, MD, MPH, FACS, *Madison, WI***Injury Severity Score Predicts Mortality Less Accurately with Increasing Age: Analysis of the National Trauma Data Bank**

Yao Liu; Ishan Sinha; Dilum P. Aluthge; Hale E. Wills, MD, MS, FACS, FAAP; *From Brown University, Providence, RI*

Factors Associated with Surgeons' Perception of Distraction in the Operating Room

James J. Jung, MD; Jonah Elfassy, BSc; Teodor P. Grantcharov, MD, FACS; *From University of Toronto, Toronto, Ontario*

Predictors and Outcomes of Nodal Upstaging in Rectal Cancer Patients Who Did Not Receive Preoperative Therapy

Alexis G. Antunez; Arielle E. Kanthers, MD, MS; Scott E. Regenbogen, MD, FACS; *From University of Michigan, Ann Arbor, MI*

The Vascular Low Frequency Disease Consortium (VLFDC) - A Model for Investigating Uncommon Vascular Diseases

Peter F. Lawrence, MD, FACS; Karen Woo, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

Representativeness of Severe Injury Increases Likelihood of Appropriate Transfer to Trauma Centers

Shreyus S. Kulkarni, MD; Barry Dewitt, PhD; Baruch Fischhoff, PhD; Matthew R. Rosengart, MD, FACS; Derek C. Angus, MD, MPH; Melissa Saul, MS; Donald M. Yealy, MD; Deepika Mohan, MD, FACS; *From University of Pittsburgh, Pittsburgh, PA, Carnegie Mellon University, Pittsburgh, PA*

Machine Learning Algorithms to Define Combinations of Surgeon Factors Associated with Complication Rates

Jennifer H. Fieber, MD; Luke J. Keele, PhD; Chris Wirtalla; Phillip Dowzicky, MD; Rachel R. Kelz, MD, MSCE, FACS; *From University of Pennsylvania, Philadelphia, PA*

Social Determinants of Health Identify Communities at Risk for Mass Shooting Events

Stephen F. Markowiak, MD; David G. Heidt, MD, FACS; Philip J. Welch, PhD; *From University of Toledo, Toledo, OH, Promedica Health Systems, Toledo, OH, Bowling Green State University, Bowling Green, OH*

Should Surgery Feel Like the Last Resort?: Drivers of Decision Making in Inflammatory Bowel Disease (IBD)

Cara Lai; Lindsay A. Sceats, MD; Wendy Qiu; KT Park, MD, MS; Arden M. Morris, MD, FACS; Cindy J. Kin, MD, MS; *From Stanford University, Palo Alto, CA*

SF230 | 4:15-5:45 pm

Colon and Rectal Surgery III

LOCATION: 157BC

TRACK(S): CRS

MODERATORS:

Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*
Ahmed Sami Chadi, MD, *Toronto, ON*

Enterocyte ATG16L1 Protein Expression Is Elevated during Type 2 Immune Response

Cathleen M. Courtney, MD; Bola Aladegbami, MD, MBA; James M. Bao; Brad W. Warner, MD; Jun Guo, PhD; *From Washington University, St. Louis, MO*

Preoperative Opioid Use Is Associated with Increased Risk of Postoperative Complications within a Colorectal Enhanced Recovery Protocol

Taryn E. Hassinger, MD, MS; Florence E. Turrentine, PhD, RN; Sook C. Hoang, MD; Charles M. Friel, MD, FACS, FASCRS; Traci L. Hedrick, MD, FACS; *From University of Virginia, Charlottesville, VA*

Metabolic Syndrome Exponentially Increases the Risk of Adverse Outcomes after Surgery for Diverticulitis

Faisal Jehan, MD; Muhammad Zeeshan, MD; El Rasheid Zakaria, MD, PhD; Mohammad Hamidi, MD; Lynn M. Gries, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Does the Age of Ulcerative Colitis Diagnosis Impact Outcomes of Restorative Proctocolectomy (RP)

Olga Lavryk, MD; Luca Stocchi, MD, FACS; Stefan D. Holubar, MD, MS, FACS, FASCRS; Tracy L. Hull, MD, FACS; Conor P. Delaney, MBBCh PhD, FACS; Scott R. Steele, MD; Sherief Shawki, MD; *From Cleveland Clinic, Cleveland, OH*

Medicare Beneficiaries with Rectal Cancer in Regions with Lower Colorectal Surgeon Density Have Higher Rates of Abdominoperineal Resection: A Dartmouth Atlas Study

Daniel L. Underbakke, MD; Ravinder Kang, MD, MS; Srinivas J. Ivatury, MD, MHA; *From Dartmouth Hitchcock Medical Center, Lebanon, NH*

Quality Metrics in Screening Colonoscopy: Does Time of Day Really Matter?

Ipek Sapci, MD; Alexandra Aiello, MSPH; James M. Church, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; Scott R. Steele, MD; Michael A. Valente, DO, FACS; *From Cleveland Clinic, Cleveland, OH*

Colorectal Cancer in Young Patients: Is 50 Still the Magic Number?

Rubina Tahmazyan; Andrew J. Schumacher, MD; Vikram Attaluri, MD; Elisabeth C. McLemore, MD, FACS, FASCRS; Talar Tejjirian, MD, FACS; *From Kaiser Permanente LA Medical Center, Los Angeles, CA*

Short-Term Outcome of Emergency Colorectal Cancer Surgery: Results from Binational Colorectal Cancer Audit (Australia and New Zealand)

Chun H. A. Lee, MBB, FRACS; Joseph C. H. Kong, MBChB, MS, FRACS, PhD; Alexander G. Heriot, MBBCh, FACS; Satish Warriar, MD; John R. Zalberg, MB, BS, PhD, FRACP; Paul Sitzler, MD; *From Peter MacCallum Cancer Centre, Melbourne, Australia*

Effectiveness of an Enhanced Recovery Program in Frail Patients

David S. Shapiro, MD, MHCM, FACS, FCCM; Mary Ann Mecca-Monahan, PAC; Daniel J. Mullins, MD; *From Saint Francis Hospital & Medical Center, Hartford, CT*

SF231 | 4:15-5:45 pm

Transplantation and Tissue Engineering II

LOCATION: 102AB

TRACK(S): BTR, GEN

MODERATORS:

Carlos E. Marroquin, MD, FACS, *South Burlington, VT*
Heidi Yeh, MD, FACS, *Boston, MA*

Rearrangement of the Endothelial Cell Cytoskeleton in Glomerular and Peritubular Capillaries (PTCs) Following Antibody-Mediated Rejection (AMR): Its Significance in the Development of Transplant Glomerulopathy and Interstitial Fibrosis

B. Handan Ozdemir, MD; Fatma Nurhan Ozdemir, MD; Ebru Sebnem Ayva, MD; Eda Yilmaz Akcay, MD; Ebru H. Ayvazoglu Soy, MD; Mehmet Haberal, MD, FACS; *From Baskent University, Ankara, Turkey*

Ongoing Disparities in Access to Kidney Transplantation in the Post-KAS Era

Sanjay Kulkarni, MD; Keren Ladin, PhD, MSc; Erich J. Greene, PhD; Luhang Li, MA; Yanhong Deng, MPH; *From Yale University, New Haven, CT*

Waitlist and Post-Transplant Outcomes in Status 1A patients & MELD=40 patients: Risk Stratification Score System in Extremely Ill Transplant Recipients

Mohamed Safwan, MB, BS; Randolph Schilke, MPH; Kelly M. Collins, MD; Michael D. Rizzari, MD; Atsushi Yoshida, MD, FACS; Marwan S. Abouljoud, MD, FACS; Shunji Nagai, MD, PhD; *From Henry Ford Health System, Detroit, MI*

Noninvasive Imaging Modalities for Immune Monitoring of Vascularized Composite Allografts Using a Translational Large Animal Model

Joanna W. Etra, MD; Katherine E. Cilwa, PhD; Georg J. Furtmuller, MD; Angelo A. Leto Barone, MD; Keli Kolegraff, MD, PhD; W. P. Andrew Lee, MD; Eric A. Elster, MD; Gerald Brandacher, MD; *From Johns Hopkins University School of Medicine, Baltimore, MD, Naval Medical Research Center, Silver Springs, MD, Uniformed Services, University of Health Sciences, Bethesda, MD*

Histone Deacetylase Inhibition Provides Tissue-Specific Protection after Renal and Liver Ischemia Reperfusion Injury

Seth J. Concors, MD; David D. Aufhauser, Jr., MD; Douglas Murken, MD; Zhonglin Wang, MD; Guanghui Ge, MD; Paul T. Hernandez, MD; Wayne W. Hancock, MB, BS, PhD; Matthew H. Levine, MD, PhD; *From University of Pennsylvania, Philadelphia, PA, Children's Hospital of Philadelphia, Philadelphia, PA*

What Can We Learn from Living Donor Evaluation? A Higher Prevalence of Metabolic Disease and Less Technical Contraindication

Tiffany C. L. Wong, MD; Kelvin K. Ng, MS, PhD; TT Cheung; Albert Chan, MD; Kenneth SH. Chok, MS, FACS, FRCSEd; Jeff Dai, MD; Chung Mau Lo, MB, BS, FACS; *From University of Hong Kong, Hong Kong, China*

Hematopoietic Stem Cell Transplantation Using a Non-Toxic Regimen to Ablate the Fetal Bone Marrow Niche Enables Engraftment of Brain Microglial Cells
Quoc-Hung L. Nguyen, MD; Russell G. Witt, MD, MAS; Bowen Wang, BS, MS; Jeremy Shea, PhD; Saul Villeda, PhD; Tippi C. Mackenzie, MD; *From University of California, San Francisco, San Francisco, CA*

Class I MHC Antigen Identification and Engineering in Porcine Xenotransplantation

Gregory Martens, MD; Joseph M. Ladowski, PhD; Luz M. Reyes, MSc, PhD; Juliet Easlick; Matt Tector, PhD; A. Joseph Tector, MD, PhD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

SF232 | 4:15-5:45 pm
Surgical Oncology III

LOCATION: 109AB

TRACK(S): ONC

MODERATORS:

Rebekah R. White, MD, FACS, *La Jolla, CA*

Timothy R. Donahue, MD, FACS, *Los Angeles, CA*

No Difference of the Systemic Immune Inflammation Index (SII) as Prognostic Factor for Patients with Adenocarcinoma of the Gastroesophageal Junction with or without Neoadjuvant Treatment

Gerd Jomrich, MD; Matthias Paireder, MD; Ivan Kristo, MD; Andreas Baierl, PhD; Aysegül İlhan-Mutlu, PhD; Matthias Preusser, MD; Reza Asari, MD; Michael Gnant, MD, FACS; Sebastian F. Schoppmann, MD, FACS; *From Medical University Vienna, Vienna, Austria, University of Vienna, Vienna, Austria*

Tumor-Associated Macrophage (TAM) Infiltration and Clinical Course of the Disease in Pancreatic Ductal Adenocarcinoma (PDAC)

Lei Cai, MD, PhD; Theodoros Michelakos, MD; Martin S. Taylor, MD, PhD; Vikram Deshpande, MD; Teppei Yamada, MD, PhD; Soldano Ferrone, MD, PhD; Cristina R. Ferrone, MD; *From Massachusetts General Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Low Mutant Allele Tumor Heterogeneity (MATH) Is Associated with Activation of the Intra-Tumor Immune Response and Improved Survival in Colon Cancer

Tsutomu Kawaguchi, MD, PhD; Li Yan; KerryAnn C. McDonald, MD; Sumana Narayanan, MD; Qianya Qi, MA; Xuan Peng, MS, MA; Eigo Otsuji, MD; Kazuaki Takabe, MD, PhD, FACS; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY, Kyoto Prefectural University of Medicine, Kyoto, Japan*

Circulating Levels of Cell Free DNA in Serum of Patients with Oral Cancer with Relation to Clinicopathological Profile: A Pilot Study from an Endemic Area of a Developing Country

Abhinav A. Sonkar, MS, FACS, FRCS Eng, FRCS IRE, FRCS Gla; Sudaiv Nazgarkar, MS; Akshay Anand, MS, FIAGES; Nuzhat Husain, MD; *From King George's Medical University India, Lucknow, India, RML Institute of Medical Sciences, Lucknow, India*

Nationwide Assessment of Robotic Assisted Minimally Invasive Esophagectomy and Adherence to National Comprehensive Cancer Network Quality Measures for Esophageal Cancer

Fernando Espinoza-Mercado, MD, FACS; Jerald Borgella, MD; Ariella Sarkissian, HSDG; Taryne A. Imai, MD; Harmik J. Soukiasian, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

Manipulation of the Gut Microbiota Modulates Cancer

Vrishketan Sethi, MD; Saba Kurtom, MD; Shweta Lavania, MS; Bhuwan Giri, MD; Bharti Garg, PhD; Anthony R. Ferrantella, MD; Harrys K. Jacob, PhD; Sabita Roy, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

Overexpression of RFC3 Relates to Tumor Development and Poor Outcome of Esophageal Squamous Cell Carcinoma

Jun Kiuchi, MD; Shuhei Komatsu, MD, PhD, FACS; Mahito Miyamae, MD; Toshiyuki Kosuga, MD, PhD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Takeshi Kubota, MD, PhD; Hitoshi Fujiwara, MD; Kazuma K. Okamoto, MD; Eigo Otsuji, MD; *From Kyoto Prefectural University of Medicine, Kyoto, Japan*

Metastasectomy for Malignant Melanoma Is Associated with Improved Overall Survival in Responders to Targeted Molecular or Immunotherapy

Benjamin Medina, MD; Beatrix Hyemin Choi; Kathy G. Rodogiannis; Una Moran, MS; Richard L. Shapiro, MD; Hersch L. Pachter, MD; Anna C. Pavlick, DO, MBA; Iman Osman, MD; Russell S. Berman, MD, FACS; Ann Y. Lee, MD; *From New York University, New York, NY*

SF234 | 4:15-5:45 pm
Pediatric Surgery III

LOCATION: 151AB

TRACK(S): PED

MODERATORS:

Holly L. Hedrick, MD, FACS, *Philadelphia, PA*Alexander Feliz, MD, FACS, *Memphis, TN***Changes in Fate of Foregut Progenitors Is Responsible for Esophageal Atresia**Carolina C. Pinzon-Guzman, MD, PhD; James R. Goldenring, MD, PhD; *From Vanderbilt University Medical Center, Nashville, TN***Potential of Serotonin Signaling Leads to Mucosal Proliferation and Increased Fat Absorption in the Murine Small Intestine**Christine Park, MD; Sarah J. Armenia, MS; Robert A. Cowles, MD, FACS; *From Yale University, New Haven, CT***Notch 1 Signaling in Neuroblastoma Tumor Vasculature after High-Dose Radiation Therapy (HDRT)**Ariela L. Zenilman, MD; Angela V. Kadenhe-Chiweshe, MD, FACS; Darrell J. Yamashiro, MD; Debarshi Banerjee, PhD; *From Columbia University Medical Center, New York, NY***Association between Image-Defined Risk Factors (IDRF) and Neuroblastoma Outcomes**Hannah M. Phelps; Josephine M. Ndolo, MD; Kyle J. Van Arendonk, MD, PhD; Hannah L. Dietrich, MSN, RN, CPNP; Katherine D. Watson, MD, MPH; Melissa A. Hilmes, MD; Dai H. Chung, MD, FACS; Harold N. Lovvorn, MD; *From Vanderbilt University School of Medicine, Nashville, TN***Propensity Score Analysis Reveals a Survival Benefit with Repair of Congenital Diaphragmatic Hernia (CDH) after Extracorporeal Membrane Oxygenation (ECMO) in Select Patients**Patrick Delaplaine, MD; Lishi Zhang, MS; Matthew T. Harting, MD, MS, FACS, FAAP; Tim Jancelewicz, MD, MA, MS, FACS; Peter T. Yu, MD; James E. Stein, MD, MSc, FACS; Henri R. Ford, MD, MHA, FACS, FAAP, FRCSEng(Hon); Danh V. Nguyen, PhD; Yigit S. Guner, MD, FACS; *From University of California, Irvine, Orange, CA, Children's Hospital of Orange County, Orange, CA, Children's Hospital of Los Angeles, Los Angeles, CA***Heller Myotomy as the Index Procedure for the Treatment of Achalasia in Adolescents**Maggie L. Westfal, MD, MPH; Ya-Ching Hung, MD, MPH; Cassandra M. Kelleher, MD, FACS; David C. Chang, PhD, MPH, MBA; *From Massachusetts General Hospital, Boston, MA***Surgical Removal of the Primary Tumor Accelerates Pulmonary Metastasis in a Mouse Model of Osteosarcoma**Michelle P. Kallis, MD; Caroline W. Maloney, MD; Marc Symons, PhD; Bettie M. Steinberg, PhD; Samuel Z. Soffer, MD; *From Zucker School of Medicine at Hofstra Northwell, Manhasset, NY***Targeted Prominin1 Hepatic Progenitor Cell Ablation Increases Fibrogenic Markers in Cholestatic Liver Injury**Michael Fenlon, MD; Jiabo Xu, MS; Kinji Asahina, PhD; Kasper S. Wang, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA, University of Southern California, Los Angeles, CA***Comparative Analysis of Perioperative Outcomes between Surgical Subspecialties for Operative Adnexal Cases in Children Using the ACS NSQIP® Pediatric Database**Kristine S. Corkum, MD; Courtney J. Harris, MD; Timothy B. Lautz, MD; Erin Rowell, MD, FACS; *From Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, Northwestern University Feinberg School of Medicine, Chicago, IL***Wednesday, October 24****SF301** | 8:00-9:30 am**Colon and Rectal Surgery IV**

LOCATION: 157A

TRACK(S): CRS

MODERATORS:

Daniel O. Herzig, MD, FACS, *Portland, OR*Jennifer S. Davids, MD, FACS, FASCRS, *Worcester, MA***Predictors of High Cost Colectomy: Be Careful Who You Bundle**Heather A. Frohman, MD; Tong Gan, MD; Bernard M. Evers, MD, FACS; Jitesh A. Patel, MD; *From University of Kentucky, Lexington, KY***Case-Matched Comparison of Postoperative Outcomes Following Surgery for Inflammatory Bowel Disease after Exposure to Vedolizumab vs. Other Biologics**Matteo Novello, MD; Luca Stocchi, MD, FACS; Scott R. Steele, MD; Stefan D. Holubar, MD, MS, FACS, FASCRS; Leonardo C. Duraes, MD, PhD; Hermann Kessler, MD, PhD; Sherief Shawki, MD; Tracy L. Hull, MD, FACS; *From The Cleveland Clinic Foundation, Cleveland, OH***Using Mobile Health for Patient Engagement and Improving Outcomes after Surgery**Deborah S. Keller, MS, MD; Erin D. Kennedy, MD, PhD; *From Columbia University Medical Center, New York, NY, Mount Sinai Hospital, Toronto, Ontario***Overuse of Computed Tomography in Emergency Department in the Evaluation of Benign Perianal Abscesses: Choosing Wisely?**Jonathan Brewer; Purvi Prajapati, MS; Walter R. Peters, Jr., MD, FACS; Katerina Wells, MD, MPH; *From Baylor University Medical Center, Department of Surgery, Dallas, TX, Texas A&M College of Medicine, Bryan, TX***Sustainability of Quality Improvement: Long-Term Outcomes Following Implementation of an Institutional Colorectal Enhanced Recovery Protocol**Taryn E. Hassinger, MD, MS; J. Hunter Mehaffey, MD, Mc; Florence E. Turrentine, PhD, RN; Sook C. Hoang, MD; Charles M. Friel, MD, FACS, FASCRS; Traci L. Hedrick; *From University of Virginia, Charlottesville, VA*

Low Anterior Resection Syndrome (LARS) Scores in Hand-Sewn vs. Stapled Coloanal Anastomosis after Low Rectal Cancer Resection

Christina V. Warner, MD; Francois Dagbert, MD; Jeremy Sugrue, MD; Sandra Naffouj, MD; Slawomir J. Marecik, MD, FACS; Anders F. Mellgren, MD, PhD, FACS; Jose R. Cintron, MD, FACS; John J. Park, MD, FACS, FASCRS; Johan Nordenstam, MD, PhD; *From University of Illinois at Chicago, Chicago, IL, John H. Stroger Cook County Hospital, Chicago, IL, Advocate Lutheran General Hospital, Park Ridge, IL*

Adoption of Laparoscopic Techniques in Colorectal Surgery, Are There Gaps In Utilization?

Paul Cavallaro, MD; Caitlin Stafford; Liliana G. Bordeianou, MD, MPH, FACS, FASCRS; Hiroko Kunitake, MD; Todd D. Francone, MD, MPH; Rocco Ricciardi, MD; *From Massachusetts General Hospital, Boston, MA*

A Validated Risk Prediction Model for Readmission after Colorectal Surgery

Cristina R. Harnsberger, MD; Allison Wyman; Chau M. Hoang, MD; Jennifer S. Davids, MD, FACS; Paul R. Sturrock, MD; Justin A. Maykel, MD, FACS; Karim Alavi, MD, MPH, FACS; *From University of Massachusetts, Worcester, MA*

SF302 | 8:00-9:30 am

General Surgery V

LOCATION: 102AB

TRACK(S): GEN

MODERATORS:

Suresh Agarwal, MD, FACS, *Durham, NC*

Jyotirmay Sharma, MD, FACS, *Atlanta, GA*

The Mindful Surgeon: A Pilot Feasibility and Efficacy Trial of Mindfulness-Based Stress Resilience Training in Surgery

Carter C. Lebares, MD; Ekaterina V. Guvva; Kevin L. Delucchi, PhD; Andrew S. Kayser, MD, PhD; Nancy L. Ascher, MD, PhD, FACS; Hobart W. Harris, MD, MPH; *From University of California, San Francisco, San Francisco, CA*

New Barrier Attire Regulations in the Operating Room: Another Mandate without Basis?

Benjamin Kuritzkes, MD; Yiwen Cao, MS; Kenneth A. Forde, MD, FACS; Onur Baser; Ravi P. Kiran, MD; *From Columbia University Medical Center/ NewYork Presbyterian, New York, NY*

Thyroid Surgery within a Surgical Volunteerism Mission is Safe and Effective: Analysis of 419 Consecutive Cases

Rifat Latifi, MD, FACS; Mahir Gachabayov, MD; Renato B. Rivera, MD, FACS; *From Westchester Medical Center, New York Medical College, Valhalla, NY*

Postoperative Opioid Prescription Practices in the Community Hospital Setting

Monica K. Zipple, MD; Amy L. Braddock, MD; *From Saint Joseph Mercy Oakland, Pontiac, MI*

The Standardization of Outpatient Procedure (STOP) Narcotics: A Prospective Non-Inferiority Study to Reduce Opioid Use in Outpatient General Surgical Procedures

Luke Hartford, MD; DVM; Julie Ann M. Van Koughnett, MD; Patrick Murphy, MD; Richard Hilsden, MD; Daryl K. Gray, MD, FACS, FRCSC; Robin B. Wigen, BSc; Samuel D. Gray, BSc; Collin Clarke, MD; Allison H. Maciver, MD, MSc, FRCSC; Ken Leslie, MD, FRCSC; *From University of Western Ontario, London, Ontario*

Value-Driven Outcomes: Standardizing Pain Management to Reduce Postoperative Opiates for Patients Undergoing Mastectomy with Immediate Reconstruction

Victoria Serpico, MS, APRNBC; Mary C. Mone, RN, BSE; Chong Zhang, MS; Angela P. Presson, PhD; Cindy B. Matsen, MD, MSCI, FACS; Scott Junkins, MD; Heather Killian, PharmD; Jane Porretta, MD; Jayant P. Agarwal, MD, FACS; Edward W. Nelson, MD, FACS; *From University of Utah, Salt Lake City, UT*

Relationship of Economic Costs with Postoperative Complications According to the Clavien-Dindo Classification: A Prospective Study

Roberto de la Plaza Llamas, MD; José M. Ramia Ángel, MD, PhD, FACS, FRCS; Álvaro Hidalgo-Vega, PhD; Raquel A. Latorre Fragua, MD, PhD; Cristina García-Amador, MD; Aylhín J. López Marcano, MD; Aníbal A. Medina Velasco, MD; Alba Manuel Vázquez, MD, PhD; *From Hospital Universitario de Guadalajara, Spain, Guadalajara, Spain*

Ambulatory Surgical Center vs. Inpatient Hospital Operating Room Efficiency

Jonathan B. Imran, MD; Tarik D. Madni, MD; Luis R. Taveras, MD; Audra T. Clark, MD; Holly B. Cunningham, MD; Paul Golden-Merry; Michael W. Cripps, MD, FACS; Herb A. Phelan, MD, MSCS, FACS; Steven E. Wolf, MD, FACS; *From University of Texas Southwestern Medical Center, Dallas, TX*

Altmetric vs. Bibliometric Perspective Regarding Publication Impact and Force

Arfon G. Powell, PhD, MRCS; Victoria V. Bevan, MBBCh, BSc; Chris Brown, MBBCh, MRCS; Richard J. Egan, MD, FRCS; David Robinson, MBBCh, MRCS; Luke Hopkins, MBBCh, MRCS; Wyn G. Lewis, MD, DSc, FRCS; *From Cardiff University, Cardiff, United Kingdom*

Live QA, Using a SMS Group Chat to Instantly Grade Intraoperative Images

Kathryn S. Sobba, MD; Carl Westcott, MD; Myron S. Powell, MD; Adolfo Z. Fernandez, MD; Stephen S. McNatt, MD, FACS; Andrew M. Nunn, MD; Clancy J. Clark, MD, FACS; Amy N. Hildreth, MD, FACS; Barbara K. Yoza, PhD; Amit K. Saha, PhD; *From Wake Forest Baptist Medical Center, Winston-Salem, NC*

SF305 | 8:00-9:30 am**Plastic and Maxillofacial Surgery III**

LOCATION: 107ABC

TRACK(S): PLA

MODERATORS:

*Please see the Addendum or Clinical Congress App for Moderators.***Targeted Reinnervation in the Amputee Patient Updates for Multiple Cohorts on Pain Outcomes and Narcotic Use Trends**

Jason D. Hehr, MD; Byers Bowen, MD; John H. Alexander, MD; Lauren M. Mioton, MD; Sumanas W. Jordan, MD, PhD; Julie M. West, PA-C; Thomas Scharschmidt, MD, FACS; Joel L. Mayerson, MD; Gregory A. Dumanian, MD; Ian L. Valerio, MD, FACS; *From The Ohio State University Wexner Medical Center, Columbus, OH, Northwestern Feinberg School of Medicine, Chicago, IL*

Optimizing Quality of Life for Patients with Post Mastectomy Lymphedema Syndrome: A Prospective Study Combining DIEP Flap Breast Reconstruction and Lymphedema Surgery

Edward I. Chang, MD; Matthew M. Hanasono, MD; Alexander T. Nguyen, MD, FACS; *From MD Anderson Cancer Center, Houston, TX*

The Prevalence and Effects of Childhood Abuse and Neglect on Personality, Health, and Postoperative Satisfaction in Plastic Surgical and Body Dysmorphic Disorder Patients

Mark B. Constantian, MD; Nick A. Zaborek, MA; *From University of Wisconsin Medical Center, Madison, WI*

Optimizing Surgical Outcomes in Lateral Abdominal Wall Reconstruction

Sahil K. Kapur, MD; Jun Liu, MD, PhD; Donald P. Baumann, MD, FACS; Charles E. Butler, MD, FACS; *From The University of Texas MD Anderson Cancer Center, Houston, TX*

Advanced 3D Printed Molds for Facial Prostheses

Yu-hui Huang, MS; Eduardo Arias, BFA; *From University of Illinois at Chicago, Chicago, IL*

Temporal Trends in Immediate Postmastectomy Breast Reconstruction

Apoorve Nayyar, MB, BS; Karishma G. Reddy, MD; Paula D. Strassle, MSPH; Michelle C. Roughton, MD; Kristalyn K. Gallagher, DO; Kandace P. McGuire, MD, FACS; *From University of North Carolina, Chapel Hill, Chapel Hill, NC, Virginia Commonwealth University, Richmond, VA*

Delayed Cranial Vault Reconstruction for Craniosynostosis: Do Sociodemographic Barriers to Care Have Implications for Outcomes?

Amanda R. Sergesketter; Aladine A. Elsamadicy, BE; David T. Lubkin; Stephen C. Harward, MD, PhD; Kate B. Krucoff, MD; Max O. Krucoff, MD; Alexander C. Allori, MD, MPH; Jeffrey R. Marcus, MD, FACS; Carrie R. Muh, MD; *From Duke University Medical Center, Durham, NC*

Prepectoral Prosthetic Breast Reconstruction: Trends and Outcomes

Robert J. Dabek, MD; Branko Bojovic, MD; Derman Ozdemir, MS, CCP; Daniel Driscoll, MD; *From Massachusetts General Hospital, Boston, MA*

A Retrospective Review of Applied Surgical Techniques for 538 Subcutaneous Mastectomy among Transmasculine or Non-Binary Patients

Winnie Tong, MD; Ryan R. Guinness, MD; Roderick Simonds, MD, PhD; Ali Salim, MD; *From Kaiser Permanente Northern California, San Francisco, CA*

Redefining the Role of Resection Weight Prediction in Reduction Mammoplasty and Breaking the "One Scale Fits All" Paradigm

Stefanos Boukoulas, MD; Pablo L. Padilla, MD; Alexis L. Boson; Jacquelyn P. Tran; Heidi Spratt, PhD; Linda G. Phillips, MD, FACS; *From The University of Texas Medical Branch, Galveston, TX*

Incorporating Perforator-Based Microsurgical Solutions in Critical Limb Ischemia: Salvaging Limb and Life

Shawn Diamond, MD; Matthew L. Iorio, MD; *From Beth Israel Deaconess Medical Center, Boston, MA, Harvard Medical School, Boston, MA*

Evolving Patterns of Postmastectomy Breast Reconstruction by Race/Ethnicity: A Surveillance, Epidemiology, and End Results (SEER) Analysis from 1998-2014

Amanda R. Sergesketter; Samantha M. Thomas, MS; Whitney O. Lane, MD; Jonah P. Orr; Oluwadamilola M. Fayanju, MD; Rachel A. Greenup, MD; Scott T. Hollenbeck, MD, FACS; *From Duke University Medical Center, Durham, NC*

SF306 | 8:00-9:30 am**Trauma V**

LOCATION: 157BC

TRACK(S): TRA

MODERATORS:

Robert G. Sawyer, MD, FACS, *Kalamazoo, MI*
Carrie A. Sims, MD, PhD, FACS, *Philadelphia, PA*

Routine Blood Cultures in Trauma Patients with Suspected Sepsis are Rarely Helpful

Andrew M. Nunn, MD; Caitlin M. Griffin, MS; Amy N. Hildreth, MD, FACS; Martin D. Avery, MD; Michael D. Chang, MD, FACS; *From Wake Forest University School of Medicine, Winston-Salem, NC*

Laparoscopy for Pediatric Abdominal Trauma

Parker T. Evans; Hannah M. Phelps; Kyle J. Van Arendonk, MD, PhD; Amber L. Greeno, MSN, APRN; Kelly Collins, RHIA, CSTR; Harold N. Lovvorn, MD; *From The Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN, Vanderbilt University Medical Center, Nashville, TN*

Penetrating Right-Sided Diaphragm Injuries Should Be Repaired to Minimize the Risk of Biliary Complications

Caitlin A. Fitzgerald, MD; Bryan C. Morse, MS, MD; Peter Rhee, MD, MPH, FACS; Jonathan Nguyen, DO; Mark L. Shapiro, MD; Christopher J. Dente, MD, FACS; Rondi B. Gelbard, MD; *From Emory University, Atlanta, GA*

Angioembolization in Solid Organ Injuries: Does Delay in Angioembolization Affect Outcomes?

Amer Afaneh, MD; Muhammad Zeeshan, MD; Narong Kulvatunyou, MD, FACS; Mohammad Hamidi, MD; Lynn M. Gries, MD; Terence O'Keeffe, MBChB, FACS; El Rasheid Zakaria, MD, PhD; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Incidence and Risk of In-Hospital Mortality for Elderly Patients who Fall from Ground Level at Home with Normal Vital Signs and Normal Neurological Examination at the Scene

Nasim Ahmed, MB, BS, FACS; Patricia Greenberg, MS; *From Jersey Shore University Medical Center, Neptune, NJ*

Gender Matters: Under-Triage of Female Patients to High-Level Trauma Centers Affects Outcomes

Subarna Biswas, MD; Caroline Park, MD; *From University of Southern California, Los Angeles, CA*

The Open Abdomen: A Six-Year Look at a Necessary Evil

Krislyn Foster, DO; James R. Yon, MD; Alessandro Orlando, MPH; Caleb J. Mentzer, DO; Glenda G. Quan, MD, FACS; Cassandra Reynolds, MD; Emmett McGuire; Burt B. Katubig, MD, FACS; Kaysie Banton, MD; David Bar-Or; *From Swedish Medical Center, Englewood, CO*

The Resuscitation of Blunt Injured, Prehospital Arrest Trauma Patients: An Exercise in Futility

Lily Tung, MD; Jennifer Leonard, MD, PhD; Erik J. Olson, MD; Niels D. Martin, MD, FACS, FCCM; Patrick K. Kim, MD, FACS; Patrick M. Reilly, MD, FACS; Mark J. Seamon, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Modern Computed Tomography for Anterior Abdominal Stab Wounds: Still Flawed

Abbasali Badami, MD; Casey Kohler, MD; Roshanak Benabbas, MD; Richard H. Sinert, DO; Roudnitsky Valery, MD; *From Kings County Medical Center, Brooklyn, NY*

Surgical Fixation for Traumatic Sternal Fractures Improves Pain and Upper Extremity Range of Motion

Zachary M. Bauman, DO, MHA; Ujwal Yanala, MD; Gautam K. Malhotra, MD, PhD; Samuel Cemaj, MD; Lisa L. Schlitzkus, MD, FACS; *From University of Nebraska Medical Center, Omaha, NE*

SF308 | 8:00-9:30 am

Surgical Education V

LOCATION: 161

TRACK(S): EDU

MODERATORS:

Vanita Ahuja, MD, MPH, FACS, York, PA

Peter S. Yoo, MD, FACS, New Haven, CT

Career Goals, Salary Expectations, and Salary Negotiation: A Comparison between Male and Female General Surgery Residents

Kelsey Gray, MD; Angela L. Neville, MD, FACS; Amy H. Kaji, MD, PhD; M. M. Wolfe, MD; Kristine E. Calhoun, MD, FACS; Farin Amersi, MD, FACS; Timothy R. Donahue, MD, FACS; Kenji Inaba, MD, FACS, FRCS; Edgardo S. Salcedo, MD; Christian de Virgilio, MD, FACS; *From Harbor University of California Los Angeles Medical Center, Torrance, CA*

Differences in Letters of Recommendation for Applicants to Complex General Surgical Oncology Fellowship Based on Gender

Tasha Hughes, MD; Sean M. McDermott; Tania Gennell; Chelsea R. Horwood, MD; Lawrence A. Shirley, MD, FACS; *From The Ohio State University, Columbus, OH*

Delay in Taking the American Board of Surgery General Surgery Certifying Examination Is Associated with Exam Outcomes

Andrew T. Jones, PhD; Kelli M. Samnote, PhD; Jason P. Kopp, PhD; Mark A. Malangoni, MD, FACS; *From American Board of Surgery, Philadelphia, PA, American Board of Internal Medicine, Philadelphia, PA*

Speed Dating Mock Orals: Integrating Oral Board Practice throughout All Levels of General Surgery Trainees

Emily J. Onufer, MD; Catherine H. Davis, MD, MPH; Laurie J. Punch, MD; *From Washington University in St. Louis, St. Louis, MO*

Burnout and Its Relationship with Perceived Stress, Self-Efficacy, Depression, Social Support, and Programmatic Factors in General Surgery Residents

Matthew R. Smeds, MD, FACS; Matthew R. Janko, MD; Kwame S. Amankwah, MD, FACS; Elizabeth M. N. Ferguson, MD; Donald T. Hess, Jr., MD, FACS; Patrick G. Jackson, MD, FACS; Mary K. Kimbrough, MD, FACS; Julia Shelton, MD, MPH; Jeffrey J. Sussman, MD, FACS; Peter S. Yoo, MD, FACS; *From St. Louis University, St. Louis, MO*

Integrating Human Factors into High-Fidelity, Simulation-Based Team-Training for Nontechnical Skills of Operating Room Teams

Eric Rynerson; Sarah E. Peyre, EdD; Sanuja Bose, BS; Ahmed Ghazi, MD; Wendy Bernstein, MD, MBA, FASA; Ronald P. Bossert, MD; Amy Butts, BS, RN; Patricia James, RN; Derek S. Wakeman, MD; *From University of Rochester Medical Center, Rochester, NY*

The Surgical Consult Entrustable Professional Activity (EPA): A Novel Tool to Assess Competence

Ryland S. Stucke, MD; Meredith J. Sorensen, MD; Alexandra A. Rosser; Sarah Sullivan, PhD; *From Dartmouth Hitchcock Medical Center, Lebanon, NH, University of Wisconsin - Madison, Madison, WI*

The Learning Curves in Surgery: A Review on a Confused Field of Surgical Training

Elisa Reitano, MD; Elena Schembari, MD; Antonio Pesce, MD; Carlo Bortolussi, MD; Saverio Latteri, MD; Domenico Russello, MD; Gaetano La Greca, MD, PhD, FACS; *From University of Catania, Catania, Italy, University of Milan, Milano, Italy*

What Are Clinical Instructors Really Evaluated On? A Qualitative Study of Medical Student and Resident Comments on Evaluations of Teaching

Sarah Sullivan, PhD; Jacob A. Greenberg, MD, FACS; Ann P. O'Rourke, MD, MPH, FACS; Rebecca Minter, MD; Eugene F. Foley, MD, FACS; Corrine I. Voils, PhD; *From University of Wisconsin, Madison, WI*

Fellows in the Operating Room: Understanding the Impact on Resident Operative Experience

Kelly Sutter, MD; Jason R. Crossley; Dori N. Abel; Shimae C. Fitzgibbons, MD, MEd; *From Medstar Georgetown University Hospital, Washington, DC*

SF309 | 9:45-11:15 am

Surgical Oncology IV

LOCATION: 102AB

TRACK(S): ONC

MODERATORS:

Nabil Wasif, MB, BS, FACS, *Phoenix, AZ*

Christina V. Angeles, MD, *Lebanon, NH*

Hospital Factors and Sources of Variation in Mortality after Treatment of Retroperitoneal Soft-Tissue Sarcoma: Results Beyond TNM Staging

Anthony M. Villano, MD; Alexander Zeymo, MS; Kitty S. Chan, PhD; Nawar Shara, PhD; Keith Unger, MD; Waddah B. AlRefaie, MBBCh, FACS; *From Medstar Georgetown University Hospital, Washington, DC*

PLR and NLR are Poor Predictors of Survival Outcomes in Soft-Tissue Sarcomas: A New Perspective on Inflammatory Biomarkers from the USSC Database

Patrick B. Schwartz, MD; George A. Poultides, MD, FACS; Kevin K. Roggin, MD; J. Harrison Howard, MD; Ryan C. Fields, MD; Callisia N. Clarke, MD; Konstantinos I. Votanopoulos, MD, PhD, FACS; Kenneth Cardona, MD, FACS; Emily R. Winslow, MD, FACS; *From University of Wisconsin, Madison, WI, Emory University, Atlanta, GA*

Lymphovascular Invasion Predicts Lymph Node Involvement in Small (<2 cm) Appendiceal Neuroendocrine Tumors

Andrew M. Blakely, MD; Mustafa Raoof, MD; Philip H.G. Ituarte, PhD; Gagandeep Singh, MD; Byrne Lee, MD, FACS; *From City of Hope National Medical Center, Duarte, CA*

Discharge Destination Following Major Hepatectomy: An Analysis of Preoperative and Intraoperative Predictive Factors

David A. Mahvi, MD; Linda M. Pak, MD; Adam C. Fields, MD; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD; *From Brigham and Women's Hospital, Boston, MA, VA Boston Healthcare System, West Roxbury, MA*

Missed Venous Thromboembolism after Major Cancer Surgery

Rishi Rattan, MD; Joshua Parreco, MD; Sarah A. Eidelson, MD; Joann Gold; Georgia Vasileiou, MD; Tanya L. Zakrisson, MD, MPH, FACS; Daniel D. Yeh, MD; Nicholas Namias, MD; *From University of Miami Miller School of Medicine, Miami, FL*

Impact of Delay on Initiation of Adjuvant Chemotherapy on Outcomes after Pancreaticoduodenectomy for Pancreatic Cancer

Francisco I. Macedo, MD; Onur C. Kutlu, MD; Basem Azab, MD; Vikas Dudeja, MD; Danny Yakoub, MD, PHD, FACS; Nipun B. Merchant, MD; *From University of Miami School of Medicine, Miami, FL*

Recurrence Patterns after Resection of Retroperitoneal Sarcomas: An Eight-Institution Study from the U.S.**Sarcoma Collaborative**

Konstantinos Chouliaras, MD; Kenneth Cardona, MD, FACS; George A. Poultides, MD, FACS; J. Harrison Howard, MD; Callisia N. Clarke, MD; Kevin K. Roggin, MD; Ryan C. Fields, MD; Sharon M. Weber, MD, FACS; Edward A. Levine, MD, FACS; Konstantinos I. Votanop; *From Wake Forest Baptist Health, Winston-Salem, NC*

Does Volume Matter for Long-Term Surgical Outcomes in Countries with Universal Health Care? A**Population-Based Analysis in Taiwan**

JinMing Wu, MD, PhD; TeWei Ho, PhD; Ya-Ching Hung, MD, MPH; John T. Mullen, MD; YuWen Tien, MD, PhD; David C. Chang, PhD, MPH, MBA; *From National Taiwan University Hospital, Taipei, Taiwan, Massachusetts General Hospital, Boston, MA*

Incidence, Risk Factors, and Prevention Strategies for Venous Thromboembolism after Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy

Sohini Khan; Kaitlyn J. Kelly, MD, FACS; Julia Veerapong, MD, FACS; Andrew M. Lowy, MD, FACS; Joel M. Baumgartner, MD, MAS, FACS; *From University of California, San Diego, La Jolla, CA*

High-Dose Rate Brachytherapy Increases Disease-Free Survival for Retroperitoneal Sarcomas

Jasvinder Singh, MB, BS; Faiz Gani, MB, BS; Nakul Shankar, MD; Joseph K. Canner, MHS; Heidi N. Overton, MD; Alex B. Blair, MD; Lane Lerner; Amol K. Narang, MD; Fabian M. Johnston, MD, FACS; Nita Ahuja, MD; *From Johns Hopkins Hospital, Baltimore, MD, Yale New Haven Hospital, New Haven, CT*

SF310 | 9:45-11:15 am

Breast III

LOCATION: 107ABC

TRACK(S): GEN, ONC

MODERATOR:

Samuel J. Lin, MD, FACS, *Boston, MA*

Yoon Sun Chun, MD, *Boston, MA*

Impact of Neoadjuvant Chemotherapy on Postoperative Complications: Analysis of the American Society of Breast Surgeons Nipple-Sparing Mastectomy Registry

Alex J. Bartholomew, MS; Lauren T. Kerivan; Michael Sosin, MD; Laura M. Bozzuto, MD; Eleni A. Tousimis, MD, FACS; Shawna C. Willey, MD, FACS; *From Medstar Georgetown University Hospital, Washington, DC*

Acellular Dermal Matrix Use Increases Morbidity in Implant-Based Breast Reconstruction

Austin D. Williams, MD, MEd; Liza C. Wu, MD, FACS; Joshua Fosnot, MD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Impact of Insurance, Hospital Type, and Sociodemographic Factors on Breast Reconstruction Rates: A Look at National Trends

Leila Musavi; Samuel Sarmiento, MD, MPH, MBA; Justin M. Sacks, MD, MBA, FACS; Oluseyi Aliu, MD; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Surgical Complications in Nipple-Sparing Mastectomy: Safe in the Elderly

Laura M. Bozzuto, MD; Alex J. Bartholomew, MS; Michael Sosin, MD; Jon Turissini, MS; Solange E. Cox, MD; Shawn-deep S. Tung, MD; Eleni A. Tousimis, MD, FACS; Shawna C. Willey, MD, FACS; *From MedStar Georgetown University Hospital, Washington, DC*

Trends and Variations in Oncoplastic Lumpectomy Reconstruction in the U.S.

Christine I. Nichols, MA, MBA; Chloe C. Kimball; Joshua G. Vose, MD, MBA; Anne W. Peled, MD; *From Medtronic, Inc., Portsmouth, NH, Plastic Surgery Private Practice, San Francisco, CA*

Regional Variations in Use of Postmastectomy Breast Reconstruction for Breast Cancer Patients

Apoorve Nayyar, MB, BS; Paula D. Strassle, MSPH; Jonathan A. Black, MD; Karishma G. Reddy, MD; Francisco Schlottmann, MD; Mihaela Elena Rapolti, MD; Michelle C. Roughton, MD; Kandace P. McGuire, MD, FACS; Kristalyn K. Gallagher, DO; *From University of North Carolina, Chapel Hill, North Carolina., Chapel Hill, NC, Virginia Commonwealth University, Richmond, Virginia, Richmond, VA*

Trends in Surgical Complications Following Nipple-Sparing Mastectomy: Institutional Trends Throughout a Decade of Experience

Alex J. Bartholomew, MS; Grace M. Lassiter; Michael Sosin, MD; Shawn-deep S. Tung, MD; Solange E. Cox, MD; Aiste Gulla, MD, MHCM; Laura M. Bozzuto, MD; Troy A. Pittman, MD, FACS; Shawna C. Willey, MD, FACS; Eleni A. Tousimis, MD, FACS; *From Medstar Georgetown University Hospital, Washington, DC*

Breast Cancer Treatment at Academic Centers Increases Likelihood of Reconstruction after Mastectomy

Emily Siegel, MD; Joshua Tseng, MD; Armando E. Giuliano, MD, FACS; Farin Amersi, MD, FACS; Rodrigo F. Alban, MD, FACS; *From Cedars-Sinai Medical Center, Los Angeles, CA*

SF312 | 9:45-11:15 am

e-Poster Rounds V

LOCATION: 253ABC

TRACK(S): CRS, EDU, TRA

e-Posters are listed in the Scientific Forum e-Poster section on page 183.

SF313 | 9:45-11:15 am

General Surgery VI

LOCATION: 151AB

TRACK(S): GEN

MODERATORS:

Erika Rangel, MD, FACS, *Chestnut, MA*

Gary Marshall, MD, FACS, *Dallas, TX*

Minimally Invasive Surgery vs. Open Esophagectomy: A Report from the Targeted ACS NSQIP® Database

Reza Fazl Alizadeh, MD; Shiri Li, MD, PhD; Marcelo W. Hinojosa, MD, FACS; Brian R. Smith, MD; Michael J. Stamos, MD, FACS, FASCRS; Ninh T. Nguyen, MD, FACS, FASMB; *From University of California, Irvine, Orange, CA*

Long-Term Incidence of Amputation in Diabetic and Non-Diabetic Patients with Osteomyelitis

Toby P. Keeney-Bonthrone; Armani M. Hawes; Lynn M. Frydrych, MD; Matthew J. Delano, MD; *From University of Michigan, Ann Arbor, MI*

Readmission after Ostomy Reversal: Who's at Risk?

Pridvi Kandagatla, MD; Shumaila Khawja, MD; Arielle Hodari Gupta, MD; Ilan Rubinfeld, MD, FACS; *From Henry Ford Health System/Wayne State University, Detroit, MI*

Incidence of Postsplenectomy Thrombosis of Splenic, Mesenteric and Portal Vein (PST-SMPv) in 953 Patients at a Multisite Single-Institution and Validation of PST-SMPv Classification

Levan Tsamalaide, MD; John A. Stauffer, MD, FACS; Prakash Vishnu, MD; Enrique F. Elli, MD; Horacio J. Asbun, MD, FACS; *From Mayo Clinic Florida, Jacksonville, FL, Tbilisi State Medical University, Tbilisi, Georgia*

Synthetic Mesh Salvage after Deep Surgical Site Infection in Complex Abdominal Wall Hernia Repair

Dominykas Burneikis, MD; Luciano Tastaldi, MD; David Krpata, MD; Ajita S. Prabhu, MD, FACS; Hemasat Alkhatib, MD; Clayton C. Petro, MD; Michael J. Rosen, MD, FACS; *From Cleveland Clinic, Cleveland, OH*

Outcomes of Immediate, Multi-Staged Abdominal Wall Reconstruction of Infected Mesh: Predictors of Surgical Site Outcomes and Hernia Recurrence

Michael Sosin, MD; Kieranjeet Nijhar, MS; Alex J. Bartholomew, MS; Parag Bhanot, MD, FACS; *From MedStar Georgetown University Hospital, Washington, DC, Georgetown University School of Medicine, Washington, DC*

Risk Factors for Hernia Recurrence in Women of Child-Bearing Age

David W. Overby, MD, FACS; Paula D. Strassle, MSPH; Michelle Louie, MD; Janelle K. Moulder, MD, MSCR; *From University of North Carolina Chapel Hill, Chapel Hill, NC, University of Tennessee Graduate School of Medicine, Knoxville, TN*

Sports Rehabilitation after Laparoscopic Hernioplasty

Osvaldo Santilli, MD; Nicolas N. Nardelli, MD; Hernan Santilli, MD; Daniel Tripoloni, MD; Hernan Etchepare, MD; *From Centro de Patologia Herniaria Argentina, Buenos Aires, Argentina*

Screening for Surgical Acute Abdomen Using Exhaled Breath Analysis

Yen-Yi Juo, MD; Yas Sanaiha, MD; Areti Tillou, MD, FACS; Frank A. DeLano, MS; Geert W. Schmid-Schonbein, PhD; Darin J. Saltzman, MD, PhD; *From University of California, Los Angeles, Los Angeles, CA, George Washington University, Washington, DC*

Management of Symptomatic Anastomotic Ulcers after Gastric Bypass: A 10-Year Single-Center Experience

Keneth N. Hall, MD, FACS, FASMB; Raelina S. Howell, MD; Patrizio Petrone, MD, MPH, MSHSA, FACS; Javier Perez-Calvo, MD; Jon S. Woods, MD; Harika Boinpally, MD; Alexander Barkan, MD, FACS, FASMB; Collin E. Brathwaite, MD; *From New York University Winthrop Hospital, Mineola, NY*

SF314 | 9:45-11:15 am

Hepatobiliary and Pancreas IV

LOCATION: 109AB

TRACK(S): GEN

MODERATORS:

Amer H. Zureikat, MD, FACS, *Pittsburgh, PA*

John B. Martinie, MD, FACS, *Charlotte, NC*

The Value of Indocyanine Green Clearance Assessment to Predict Postoperative Liver Dysfunction in Patients Undergoing Liver Resection

Christoph C. Schwarz, MD, PhD; Immanuel Plass, CM; Fabian Fitschek, CM; Martina Mittlböck, PhD; Stephanie Kampf, MD; Ulrika Asenbaum, MD; Patrick Starlinger, MD, PhD; Stefan Stremitzner, MD; Martin Bodingbauer, MD; Klaus Kaczirek, MD, FACS; *From Medical University Vienna, Vienna, Austria*

KRAS Mutational Status and Pathologic Response to Pre-Hepatectomy Chemotherapy in Patients with Colorectal Liver Metastases

Georgios Antonios Margonis, MD, PhD; Neda Amini, MD; Klaus Kaczirek, MD, FACS; George A. Poultides, MD, FACS; Doris Wagner, MD; Itaru Endo, MD, PhD; Katsunori Imai, MD, PhD, FACS; Martin E. Kreis, MD, FACS; Christopher L. Wolfgang, MD, FACS; Matthew J. Weiss, MD, FACS; *From Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, Department of General Surgery, Medical University of Graz, Graz, Austria, Department of General, Visceral and Vascular Surgery, Charit, Berlin, Germany*

The 3-60 Criteria: A Novel Definition of Postresectional Liver Dysfunction with Improved Predictive Potential

David Pereyra; Georg P. Gyöeri, MD; Jan Philipp Jonas, MD; Ruth Baumgartner; Sandra Holzer; Michael Gnant, MD, FACS; Thomas Gruenberger, MD; Patrick Starlinger, MD, PhD; *From Medical University of Vienna, Vienna, Austria, Rudolfstiftung Hospital, Vienna, Austria*

An Enhanced Recovery Program in Hepatobiliary Surgery Decreases Outpatient Narcotic Use

Heather A. Lillemoe, MD; Ryan W. Day, MD; Rebecca K. Marcus, MD; Bradford J. Kim, MD; Nisha Narula, MD; Catherine H. Davis, MD, MPH; Vijaya Gottumukkala, MD; Thomas A. Aloia, MD, FACS; *From University of Texas at MD Anderson Cancer Center, Houston, TX*

Comparison of Simultaneous Resection and Delayed Resection for Resectable Synchronous Colorectal Liver Metastasis: A Meta-Analysis

Abigail B. Burog, MD; Gilmyr Jude G. Maranon, MD; Maria Millicent P. Carino, MD; Obie Katrina Siozon, MD; Menandro V. Siozon, MD; *From St. Luke's Medical Center, Quezon City, Philippines*

Is R1 Vascular Hepatectomy for Hepatocellular Carcinoma Oncologically Adequate? Analysis of 327 Consecutive Patients

Matteo Donadon, MD, PhD; Fabio Procopio, MD; Matteo Cimino, MD; Angela Palmisano, MD; Luca Viganò, MD, PhD; Daniele Del Fabbro, MD; Guido Torzilli, MD, PhD, FACS; *From Humanitas Clinical and Research Center, Milan, Italy*

The Effect of Bleomycin Embolization on Symptomatic Improvement and Hemangioma Size among Patients with Symptomatic Giant Liver Hemangiomas

Mahir Kirnap, MD; Fatih Boyvat, MD; Sedat A. Boyacioglu, MD; Fatih Hilmioglu, MD; Gökhan Moray, MD, FACS; Mehmet Haberal, MD, FACS; *From Baskent University, Ankara, Turkey*

Sexual Dimorphism in Liver Ischemia and Reperfusion Injury in Mice: Role of Male-Specific Gene SRY

Xu-Feng Zhang, MD, PhD; Jian Dong, MD; *From Xi'an Jiaotong University, Xi'an, China*

Prognostic Factors of Post Hepatectomy Liver Failure in Fatty Liver Disease and Cirrhosis in a National Cohort of Patients

Caitlin A. Hester, MD; Michelle R. Ju, MD; Mathew M. Augustine, MD, PhD; John C. Mansour, MD, FACS; Matthew R. Porembka, MD; Sam C. Wang, MD; Adam C. Yopp, MD, FACS; Patricio M. Polanco, MD; *From University of Texas Southwestern, Dallas, TX, North Dallas VA Hospital, Dallas, TX*

SF315 | 9:45-11:15 am**Health Services Research VI**

LOCATION: 153ABC

TRACK(S): HP

MODERATORS:

Carrie C. Lubitz, MD, MPH, FACS, *Boston, MA*Ryan P. Merkow, MD, *Chicago, IL***Need for Coordination of Care among Adolescents and Young Adults with Persistent Opioid Use Following Surgery**

Calista M. Harbaugh, MD; Michael P. Klueh; Jay S. Lee, MD; Samir K. Gadepalli, MD, MBA, MSc; Katherine J. Deans, MD, FACS; Peter C. Minneci, MD, MHSc; Ronald B. Hirschl, MD, MS; Michael J. Englesbe, MD, FACS; Chad M. Brummett, MD; Jennifer F. Waljee, MD, MPH, MS; *From University of Michigan, Ann Arbor, MI, Nationwide Children's Hospital, Columbus, OH*

Low-Value Preoperative Testing for Carpal Tunnel Release in the Veterans Health Administration

Alex Sox-Harris, PhD, MS; Esther L. Meerwijk, PhD, MSN; Robin N. Kamal, MD; Erika Sears, MD; Andrea K. Finlay, PhD; Mary T. Hawn, MD, FACS; Dan Eisenberg, MD; Seshadri Mudumbai, MD, MS; *From Veterans Affairs Palo Alto Health Care System, Palo Alto, CA, Stanford University, Stanford, CA, Veterans Affairs Ann Arbor Health Care System, Ann Arbor, MI*

Adherence with Operative Standards Improves Survival in Gastric Cancer

Beiqun Zhao, MD; Sarah L. Blair, MD, FACS; Matthew H. Katz, MD, FACS; Andrew M. Lowy, MD, FACS; Kaitlyn J. Kelly, MD, FACS; *From University of California, San Diego, La Jolla, CA*

Mixed-Method Study Examining Initial Interactions of Cancer Patients with Multidisciplinary Care Teams

Victoria R. Rendell, MD; Melissa M. Ricker; Emily R. Winslow, MD, FACS; *From University of Wisconsin School of Medicine and Public Health, Madison, WI*

64 Percent Reduction in Readmission after Endovascular Aneurysm Repair (EVAR) Using Machine Learning and Big Data

Sapan S. Desai, MD, PhD, MBA, FACS; John Cosentino, MBA, CLSSMBB; *From Northwest Community Healthcare, Arlington Heights, IL*

Racial Bias in Initial Opioid Prescribing for Orthopaedic Trauma Patients

Matthew F. Basilico, BA, MA; Abhiram R. Bhashyam, MD, MPP; Marilyn Heng, MD, MPH, FRCSC; *From Harvard Medical School, Boston, MA*

Is the Current Statistical Power Threshold of 0.8 Applicable to Surgical Science?

Yanik J. Bababekov, MD, MPH; Ya-Ching Hung, MD, MPH; YuTien Hsu, MD, MPH; HsuYing Lin, MD; Zhi Ven Fong, MD, MPH; Brooks V. Udelsman, MD; Sahael M. Stapleton, MD; David C. Chang, PhD, MPH, MBA; *From Massachusetts General Hospital/Harvard Medical School, Boston, MA*

Biologic and Biosynthetic Meshes in Ventral Hernia Repair: When Are They Worth It?

Steven Schneeberger; Sharon E. Phillips, MSPH; LiChing Huang, PhD; Richard A. Pierce, MD, PhD, FACS; Shervin A. Etemad; Benjamin K. Poulouse, MD, MPH, FACS; *From Vanderbilt University Medical Center, Nashville, TN*

What Have We Learned from Malpractice Claims after Cholecystectomy? A \$128 Million Question

Rajshri Mainthia, MD; Jordan P. Bloom, MD, MPH; Zhi Ven Fong, MD, MPH; Courtney DeRoo; Kathy Dwyer, MSN, RN; Keith D. Lillemoe, MD; Elizabeth Mort, MD, MPH; *From Massachusetts General Hospital, Boston, MA*

Access to Surgical Services Across the U.S.: How Far Do You Need to Go for High-Volume Care?

Adrian Diaz, MD, MPH; Anna Schoenbrunner, MD, MAS; Jordan M. Cloyd, MD; Carl R. Schmidt, MD, FACS; Mary E. Dillhoff, MD, MS, FACS; Timothy M. Pawlik, MD, MPH, PhD, FACS; *From Ohio State University, Columbus, OH*

Readmission Risk Assessment Using Random Forest Modeling in an Acute Care Hospital System

Phillip Dowzicky, MD; Ehab Hanna, MD; Ian Berger; Lateisha Colbert-Mack, DNP, ACNP-BC; Chris Wirtalla; Steven E. Raper, MD, JD; Richard P. Waterman, PhD; Rachel R. Kelz, MD, MSCE, FACS; *From University of Pennsylvania, Philadelphia, PA*

Quality Measures in Surgical Palliative Care: Adapting Existing Palliative Care Measures to Improve Care for Seriously Ill Surgical Patients

Katherine C. Lee, MD, MSc; Steven S. Senglaub, MS; Anne M. Walling, MD, PhD; Anne C. Mosenthal, MD, FACS; Zara Cooper, MD, MSc, FACS; *From Brigham and Women's Hospital, Boston, MA*

A National Assessment of the Utilization, Quality, and Cost of Laparoscopic Liver Resection

Faiz Gani, MB, BS; Fabio Bagante, MD; Mary E. Dilhoff, MD, MS, FACS; Jordan M. Cloyd, MD; Carl R. Schmidt, MD, FACS; Fabian M. Johnston, MD, FACS; Timothy M. Pawlik, MD, MPH, PhD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD, Ohio State University, Columbus, OH*

SF316 | 12:45 pm-2:15 pm**Endocrine Surgery II**

LOCATION: 107ABC

TRACK(S): GEN

MODERATORS:

Linwah Yip, MD, FACS, *Pittsburgh, PA*Avital Harari, MD, *Los Angeles, CA***Scarless Transoral Vestibular Approach for Thyroidectomy and Parathyroidectomy at a U.S. Teaching Hospital**

Elya H. Vasiliou, MD; Jonathon O. Russell, MD; Christopher Razavi, MD; Jason D. Prescott, MD, PhD; Ralph P. Tufano, MD, MBA, FACS; *From Johns Hopkins Hospital, Baltimore, MD*

Pathology and Surgical Characteristics Are Similar in Patients with and without a Guidelines-Based Surgical Indication for Parathyroidectomy for Asymptomatic Primary Hyperparathyroidism

Nathan R. Elwood, MD; Alexander T. Booth; James H. Mehaffey, MD, MSc; Kevin J. Carlson; John B. Hanks, MD; Martha A. Zeiger, MD; Philip W. Smith, MD; *From University of Virginia, Charlottesville, VA*

MNX1 Mutations in Patients with Familial Neuroendocrine Tumors

Aaron T. Scott, MD; Jonathon B. Tessmann; Terry Braun, PhD; Benjamin W. Darbro, MD; Patrick Breheny, PhD; Andrew M. Bellizzi, MD; Joseph S. Dillon, MD; Thomas M. O'Dorisio, MD; *From University of Iowa Carver College of Medicine, Iowa City, IA*

Radio-Guided Surgery with Gallium-68 DOTATATE in Patients with Neuroendocrine Tumors

Mustapha El Lakis, MD; Andreas Giannakou, MD; Pavel Nockel, DO; Douglas Wiseman, MD; Martha Quezado, MD; Dhaval Patel, MD; Naris Nilubol, MD; Karel Pacak, MD; Samira M. Sadowski, MD; Electron Kebebew, MD; *From National Institutes of Health, Bethesda, MD*

Indoleamine 2,3-dioxygenase 1 (IDO1) as a Potential Novel Target for Adrenocortical Carcinoma

John F. Tierney, MD; Alyx Vogle; Sitaram V. Chivukula, MD; Irene M. Min, PhD; Theresa Scognamiglio, MD; Paolo Gattuso, MD; Sam G. Pappas, MD; Thomas J. Fahey III, MD, FACS; Xavier M. Keutgen, MD; *From Rush University Medical Center, Chicago, IL, New York Presbyterian Hospital-Weill Cornell Medical Center, New York, NY*

Impact of Racial Disparities on Surgical Outcomes for Primary Hyperaldosteronism

Victoria M. Gershuni, MD, MSGM; Rachel R. Kelz, MD, MSCE, FACS; Robert E. Roses, MD, FACS; Debbie L. Cohen, MD; Scott O. Trerotola, MD; Douglas L. Fraker, MD, FACS; Heather Wachtel, MD; *From Hospital of the University of Pennsylvania, Philadelphia, PA*

National Treatment Trends for Adrenocortical Cancer in the U.S.: Have We Made Any Progress?

John F. Tierney, MD; Sitaram V. Chivukula, MD; Jennifer Poirier, PhD; Sam G. Pappas, MD; Erik Schadde, MD, FACS; Electron Kebebew, MD; Xavier M. Keutgen, MD; *From Rush University Medical Center, Chicago, IL*

Oncocytic Adrenal Tumors: A 43-Case Series of This Rare Variant

Jonathan Zagzag, MD; Mouhammed Habra, MD; Miao Zhang, MD, PhD; Elizabeth G. Grubbs, MD, MS; Nancy D. Perrier, MD, FACS; Jeffrey E. Lee, MD, FACS; Paul H. Graham, MD, FACS; *From University of Texas MD Anderson Cancer Center, Houston, TX*

SF317 | 12:45 pm-2:15 pm Surgical Education VI

LOCATION: 109AB

TRACK(S): EDU

MODERATORS:

Jennifer LaFemina, MD, FACS, Worcester, MA
Paul W. Nelson, MD, FACS, Las Vegas, NV

An Effective Faculty Development Strategy for Enhancing Intraoperative Entrustment of Residents

Gurjit Sandhu, PhD; Danielle C. Sutzko, MD, MS; Vahagn C. Nikolian, MD; Niki Matusko; Julie A. Thompson-Burdine; Kaustubh Prabhu; Rebecca Minter, MD; *From University of Michigan, Ann Arbor, MI, University of Wisconsin, Madison, WI*

A Novel Objective Approach to Evaluate Novice Robotic Surgeons Using a Combination of Kinematics and Stepwise Cumulative Sum (CUSUM) Analyses

William B. Lyman, MD; Michael Passeri, MD; Keith Murphy, MSPH; Imran A. Siddiqui, MB, BS, MD; David A. Lannitti, MD, FACS; Adeel S. Khan, MD; Erin H. Baker, MD; Dionisios V. Vrochides, MD PhD, FACS, FRCS; *From Carolinas Medical Center, Charlotte, NC*

Using Head-Mounted Cameras to Create Objective Structured Assessment of Technical Skills (OSATS) Video Portfolios Following the American College of Surgeons/ Association of Program Directors in Surgery Core Skills Curriculum

Sophia K. McKinley, MD, EdM; Daniel A. Hashimoto, MD, MS; Christina Valle, CST; James S. Titus; Emil R. Petrusa, PhD; Roy Phitayakorn, MD, MHPE; Denise W. Gee, MD, FACS; *From Massachusetts General Hospital, Boston, MA*

The ASMBS-ABS Competency-Based Bariatric Curriculum: Achieving Early Autonomy

Shaun Daly, MD; Corrigan L. McBride, MD; Ninh T. Nguyen, MD, FACS, FASMBS; Ranjan Sudan, MB, BS, FACS; Aurora D. Pryor, MD, FACS; John M. Morton, MD, FACS; Emanuele Lo Menzo, MD, PhD, FACS; Stacy A. Brethauer, MD, FACS; Matthew M. Hutter, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *From University of California Irvine, Orange, CA*

An Educational Simulator of Abdominal Wall Closure

Rhami Khorfan, MD; Daniel C. Ursu, PhD; Anna Shu, DO; Brent Gillespie, PhD; MaryAnne Purtill, MD; *From St. Joseph Mercy Ann Arbor, Ann Arbor, MI, University of Michigan, Ann Arbor, MI*

Share and Share Alike: Health Sciences Center-Wide Integration of High-Fidelity, Simulation-Based Team Training of Health Care Students Improves Team-Based Attitudes and Behaviors

John T. Paige, MD, FACS; Deborah Garbee, PhD, APRN, ACNS-BC; Qingzhao Yu, PhD; Vladimir Kiselov, MD; Jennifer E. Badeaux, CRNA; David Kalil, DNAP, CRNA; Raymond Devlin, DNP, CRNA; Laura S. Bonanno, PhDc, DNP, CRNA; *From Louisiana State University Health New Orleans Health Sciences Center, New Orleans, LA*

See Something, Say Something: Using Case-Based Group Interviews for Surgical Applicant Assessment

Lauren N. DeCaporale-Ryan, PhD; Sarah E. Peyre, EdD; Rabih M. Salloum, MD, MPH, FACS; *From University of Rochester Medical Center, Rochester, NY*

Priorities in Surgical Simulation Research: What Do the Experts Say?

Nicholas E. Anton, MS; Aimee K. Gardner, PhD; Dimitrios Stefanidis, MD, PhD; *From Indiana University School of Medicine, Indianapolis, IN, Baylor College of Medicine, Houston, TX*

Resident Utilization and Engagement in a Wellness Program in a Large Academic Residency

Audra T. Clark, MD; Caitlin A. Hester, MD; Erika Bisgaard, MD; Daniel Robbins, MD; Rebecca H. Napier, MBA; Robert V. Rege, MD; Kareem R. AbdelFattah, MD; *From University of Texas Southwestern, Dallas, TX*

Psychologist-Facilitated Group Sessions for Residents: A Worthwhile Investment?

Dana T. Lin, MD, FACS; Wendy Qiu; Cara Lai; Lisa I. Post, PhD; Sylvia Bereknyei Merrell, DrPH, MS; James N. Lau, MD, FACS; Arghavan Salles, MD, PhD; Claudia M. Mueller, MD, PhD; *From Stanford University School of Medicine, Stanford, CA, Washington University School of Medicine in St. Louis, St. Louis, MO*

SF318 | 12:45 pm-2:15 pm

Urological Surgery II

LOCATION: 160BC

TRACK(S): URO

MODERATORS:

Joshua A. Broghammer, MD, FACS, *Kansas City, KS*
Stephen B. Williams, MD, *Galveston, TX*

Profiling the Urinary and Gastrointestinal Microbiota in Male Children Presenting to Urology with or without Prior Exposure

Borna Kassiri; Matthew Kasprenski, MD; Eva Shrestha; Karen S. Sfanos, PhD; Ming-Hsien Wang, MD; *From Johns Hopkins School of Medicine, Baltimore, MD, Texas Children's Baylor College of Medicine, Houston, TX*

The Difficult Foley: Factors Predicting Appropriate Urological Consultation

Nina Mikkilineni, MD; Michael Lipsky, MD; Gen Li, PhD; David Weiner, MD; Matthew P. Rutman, MD; *From New York Presbyterian-Columbia University Medical Center, New York, NY, Mailman School of Public Health, New York, NY*

Benchmark Early Compliance Utilizing the Enhanced Recovery After Surgery (ERAS) Interactive Audit System (EIAS) in Collaboration with the International ERAS Society

William M. Worrilow; Shelby L. Jones, MSN, APRN, AG-ACNP-BC; Naveen Arora, MD; Caitlin Hensel; Kris E. Gaston, MD, FACS; Peter E. Clark, MD; Myra M. Robinson, MSPH; Stephen B. Riggs, MD, FACS; *From Levine Cancer Institute, Atrium Health, Charlotte, NC*

Trends and Characteristics of Prophylactic Antibiotics for Men Undergoing Prostate Biopsy

Mark Henry, MD; Dattatraya Patil, MB, BS, MPH; Akanksha Mehta, MD, MS; Christopher P. Filson, MD, MS; *From Emory University School of Medicine, Decatur, GA*

Extra-Regional Travel for Urologic Surgery: Opportunities for Improving Access

Matthew Macey, MD; Karyn B. Stitzenberg, MD, FACS; Hung-Jui Tan, MD, MSHPM; Bradley D. Figler, MD; *From University of North Carolina School of Medicine, Chapel Hill, NC*

Surgical Sterilization among Men and Women in the U.S. with Employer-Based Insurance

Amir I. Khan; Dattatraya Patil, MB, BS, MPH; Jennifer F. Kawwass, MD; Vitaly Zholudev, MD, MS; Akanksha Mehta, MD, MS; *From Emory University, Atlanta, GA*

A Machine Learning Algorithm Identifies Transcriptomic Features of Sarcomatoid Renal Cancer

Heinric Williams, MD; *From Geisinger Medical Center, Danville, PA*

Modified Marshall-Marchetti-Krantz Urethral Suspension during Robot-Assisted Laparoscopic Prostatectomy (RALP): Is Postoperative Urinary Continence Affected?

Lukas Hockman, MD; Aaron Dawn; Naveen Pokala, MD; *From University of Missouri, Columbia, Columbia, MO*

SF319 | 12:45 pm-2:15 pm

Bariatric/Foregut III

LOCATION: 161

TRACK(S): BTR, GEN

MODERATORS:

Patricia Chui, MD, *New York, NY*
Dan E. Azagury, MD, *Stanford, CA*

Sleeve Gastrectomy Protects Against Obesogenic Insults through Enhanced Energy Expenditure

David A. Harris, Jr., MD; Amir I. Mina; Dimitrije Cabarkapa, MS; Keyvan Heshmati, MD; Renuka Subramaniam, DVM, PhD; Alexander S. Banks, PhD; Ali Tavakkoli, MD; Eric G. Sheu, MD, PhD; *From Brigham and Women's Hospital, Boston, MA*

Comparative Short-Term Safety of Laparoscopic Roux-en-Y Gastric Bypass vs. Laparoscopic Sleeve Gastrectomy in Super Obese Patients

Amlish B. Gondal, MD; Chiu-Hsieh Hsu, PhD; Iman Ghaderi, MD, MSc, FRCSC, FACS; *From The University of Arizona, Tucson, AZ*

Barriers to Bariatric Surgery: Factors Influencing Progression to Bariatric Surgery

Tammy Ju, MD; Lisbi Rivas, MD; Suzanne M. Arnott; Samantha N. Olafson; Ashlyn Whitlock; Andrew D. Sparks, MS; Denise A. Johnstone, MSN, NPBC; Paul P. Lin, MD, FACS; Khashayar Vaziri, MD, FACS; *From George Washington University, Washington, DC*

Change in Gut Microbiota Composition after Bariatric Surgery: A New Balance to Decode

Silvia S. Palmisano, MD; Giuseppina Campisciano, PhD; Marta Silvestri, MD; Martina Guerra, MD; Michela Giuricin, MD; Biagio Casagrande, MD; Manola Comar, PhD; Nicolò de Manzini, MD, FRCS; *From Department of Medical, Surgical and Health Sciences, Trieste, Italy, Institute for Maternal and Child Health, IRCCS Burlo Garofolo, Trieste, Italy*

Equivalent Perioperative Outcomes for Laparoscopic Roux-en-Y Gastric Bypass Patients Discharged on Postoperative Day One

Jarrod Buzalewski, DO; David M. Parker, MD, FACS; Mark E. Mahan, DO; Amrit Rambhajan, MBBCh; James T. Dove; Marcus B. Fluck; Ryan D. Horsley, DO; Anthony T. Petrick, MD, FACS; Jon D. Gabrielsen, MD; *From Geisinger Medical Center, Danville, PA*

Reduction in B Cells and Increased M2 Macrophage Polarization Are Associated with Improved Glycemic Control after Sleeve Gastrectomy

Todd A. Brenner; David A. Harris, Jr., MD; Renuka Subramaniam, DVM, PhD; Ali Tavakkoli, MD; Eric G. Sheu, MD, PhD; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Multi-Planar Reconstructed CT Method for Measurement of Esophageal Hiatus Surface Area with Intraoperative Validation

Ambria Moten, MD; Abbas E. Abbas, MBBCh, FACS; Chandra Dass, MB, BS, DMRD; *From Temple University Hospital, Philadelphia, PA*

Bariatric Surgery Reduces Cardiovascular Disease Risk in Diabetic Patients

Camila Ortiz Gomez, MD; David Gutierrez Blanco, MD; David Romero Funes, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *From Cleveland Clinic Florida, Weston, FL*

Laparoscopic-Assisted Transversus Abdominis Plane Block to Decrease Postoperative Opioid Use in Laparoscopic Sleeve Gastrectomy Patients

Ilana G. Margulies, MS; Yulia Eskin, MSN, CRNP; Ninna Nana; Ali Emamhosseini, MD; Tuesday F. A. Cook, MD, FACS, FASMBS; Barry S. Greene, MD, FACS, FASMBS; *From Shady Grove Medical Center, Rockville, MD*

Propensity Score Analysis of 18FDG PET/CT Enhanced Staging in Patients Undergoing Surgery for Oesophageal Cancer

Neil Patel, MB, ChB, MRCS; Arfon G. Powell, PhD, MRCS; Kieran G. Foley, PhD, FRCR; Stuart A. Roberts, MD, FRCR; Patrick Fielding, FRCP, FRCR; Wyn G. Lewis, MD, DSc, FRCS; *From Cardiff University, Cardiff, United Kingdom*

SF321 | 12:45 pm-2:15 pm

Vascular Surgery IV

LOCATION: 255

TRACK(S): VAS

MODERATORS:

Cassius Iyad Ochoa Chaa, MD, MS, FACS, *New Haven, CT*
Areck Ucuzian, MD, PhD, *Baltimore, MD*

Fenestrated and Chimney Endovascular vs. Open Repair of Juxtarenal, Pararenal, and Suprarenal Abdominal Aortic Aneurysms: Five-Year National Study (20122016)

Satinderjit S. Locham, MD; Hanaa Dakour Aridi, MD; Jatinderpal Bhela, MD; Besma Nejim, MBChB, MPH; Apurva B. Challa, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins Medical Institutions, Baltimore, MD*

The Association of Aortic Injury Grade and Overall Injury Severity with Resource Utilization in Patients Undergoing Endovascular Aortic Injury Repair

Mark D. Balceriuk, MD; Isabelle V. Chu; Brian C. Ayers, MBA; Michael C. Stoner, MD, FACS; *From University of Rochester Medical Center, Rochester, NY*

Improved Outcomes of Endovascular Repair of Thoracic Aortic Injuries at Higher-Volume Institutions

Abhisekh Mohapatra, MD; Nathan L. Liang, MD, MS; Michel S. Makaroun, MD, FACS; Marc L. Schermerhorn, MD, FACS; Alik Farber, MD; Mohammad H. Eslami, MPH, MD; *From University of Pittsburgh Medical Center, Pittsburgh, PA*

Fenofibrate Can Rescue Hindlimb Ischemia in the Setting of Diabetes and Impaired Phospholipogenesis

Kshitij A. Desai; Larisa Belaygorod; Chao Yang, MD; Xiaohua X.J. Jin, MD; Clay F. Semenkovich, MD; Mohamed A. Zayed, MD, PhD; *From Washington University School of Medicine, St. Louis, MO*

White Blood Cells Count Predicts Mortality and Amputation Risks in Aortoiliac Occlusive Disease Revascularization

Widian Alshwailly, MBChB; Besma Nejim, MBChB, MPH; Satinderjit S. Locham, MD; Hanaa Aridi, MD; Mohammad Rizwan, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins School of Medicine, Baltimore, MD*

Evidence of Equipoise Surrounding Transfusion Practices in High Cardiac Risk Patients after Major General and Vascular Surgery Procedures

Sherene E. Sharath, PhD, MPH; Nader Zamani, MD; Panos Kougiyas, MD, MSc; *From Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, Baylor College of Medicine, Houston, TX*

Intravenous Anti-Inflammatory Agent Reduces Mortality and Morbidities after Open Abdominal Aortic Aneurysm Repair

Besma Nejim, MBChB, MPH; Satinderjit S. Locham, MD; Hanaa Dakour Aridi, MD; Muhammad Faateh, MD; Mark F. Conrad, MD, FACS; W. Darrin Clouse, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD, Massachusetts General Hospital, Boston, MA*

Near-National Estimates of Disparities in Outcomes from Abdominal Aortic Aneurysm Repair between Hispanics and Other Race/Ethnic Groups

Vardan Papoian, MD, MPH; Amresh D. Hanchate, PhD; Meng-Yun Lin, PhD; Nancy R. Kressin, PhD; Michael K. Paasche-Orlow, MD, MA, MPH; Steven D. Abramowitz, MD; Eun Ji Kim, MD; Souvik Banerjee, PhD; Lenny Lopez, MD, MPH, MDiv; Jennifer E. Rosen, MD, FACS; *From MedStar Washington Hospital Center, Washington, DC, Boston University School of Medicine, Boston, MA*

Multiple Stent Usage in Carotid Artery Stenting Is Associated with Worse Perioperative Outcomes

Muhammad Faateh, MD; Hanaa Aridi, MD; Besma Nejim, MBChB, MPH; Satinderjit S. Locham, MD; Muhammad Rizwan, MD; Mahmoud B. Malas, MD, MHS; *From Johns Hopkins Medical Institutions, Baltimore, MD*

Financial Analysis of a Surveillance Fistulogram Protocol for Hemodialysis Access Maintenance

Lauren B. Grimsley, MD, MBA; Michael M. McNally, MD; Michael R. Buckley, MD; Joshua D. Arnold, MD, FACS; Scott Stevens, MD; Michael B. Freeman, MD; Alex Cantafio, MD; Lynellen B. Gregory, MD; Oscar H. Grandas, MD, MBA, FACS; *From University of Tennessee Medical Center GSM, Knoxville, TN*

SF322 | 2:30-4:00 pm

e-Poster Rounds VI

LOCATION: 253ABC

TRACK(S): ETH, GEN, PLA, ONC, URO

e-Posters are listed in the Scientific Forum e-Poster section on page 161.

SF323 | 2:30-4:00 pm

Health Services Research VII

LOCATION: 157A

TRACK(S): HP

MODERATORS:

Daniel I. Chu, MD, FACS, *Birmingham, AL*

Nader N. Massarweh, MD, MPH, FACS, *Houston, TX*

Impact of Affordable Care Act Implementation on Catastrophic Health Expenditures among Trauma Patients

Charles Liu, MD; Arifeen S. Rahman, AB; Tiffany E. Chao, MD, MPH; *From Stanford University Medical Center, Stanford, CA, Santa Clara Valley Medical Center, San Jose, CA*

Respiratory Complications in Low, Intermediate, and High-Risk Surgery: A Trend Analysis from 2007 to 2016 using ACS NSQIP®

Sean M. Stokes, MD; Benjamin S. Brooke, MD, PhD, FACS; Robert E. Glasgow, MD, FACS; Samuel Finlayson, MD, MPH; Thomas K. Varghese, MD, MS; *From University of Utah, Salt Lake City, UT*

It's Not You, It's Me: The Influence of Surgeon Gender on Patient Satisfaction Scores

Jennifer K. Plichta, MD, MS; Hannah Vernia, MS; Lars J. Grimm, MD, MHS; Amanda R. Sergesketter; Samantha M. Thomas, MS; Shelley Hwang, MD, MPH; Ryan P. Plichta, MD; *From Duke University Medical Center, Durham, NC, Duke Cancer Institute, Durham, NC*

Intended and Unintended Consequences of Federal Interventions on the Opioid Crisis: The Example of the FDA Codeine Safety Investigation

Amy E. Lawrence, MD; Jennifer N. Cooper, PhD; Katherine J. Deans, MD, FACS; Peter C. Minneci, MD, MHSc; Sharon K. Wrona, DNP, CPNP-PC, PMHS; Deena J. Chisolm, PhD; *From Nationwide Children's Hospital, Columbus, OH*

Does the Medicare Value-Based Purchasing Program Improve Value of Care among Participating General and Surgical Hospitals?

Adriana G. Ramirez, MD, MPH; Timothy McMurphy, PhD; Florence E. Turrentine, PhD, RN; R Scott Jones, MD; *From University of Virginia, Charlottesville, VA*

Surgical Site Infection Prevention Practices for Infants Vary Significantly among Pediatric Surgeons: A Survey of the Pediatric Surgical Research Collaborative

Marisa A. Bartz-Kurycki, MD; Kathryn T. Anderson, MD, MPH, MS; Stephanie N. Wythe; Robert T. Russell, MD, MPH; Ramin Jamshidi, MD; Regan F. Williams, MD, FACS; Brian T. Bucher, MD; Robert A. Cina, MD, FACS; Adam C. Alder, MD, MSCS, FACS; KuoJen Tsao, MD, FACS; *From McGovern Medical School at the University of Texas Health, Houston, TX, University of Tennessee Health Science Center, Memphis, TN, University of Alabama at Birmingham, Birmingham, AL*

Expected vs. Actual Caregiver Availability Differs Following Surgery

Samantha Baker, MD; Lauren E. Goss, MSPH; Ashley Titan, MD; Laura A. Graham, PhD, MPH; Joshua S. Richman, MD, PhD; Jeffrey Whittle, MD; Edith Burns, MD; Laurel A. Copeland, PhD; Mary T. Hawn, MD, FACS; Melanie S. Morris, MD; *From University of Alabama at Birmingham, Birmingham, AL, VA Birmingham Healthcare System, Birmingham, AL*

Defining the National Burden of Pediatric Emergency General Surgery

Tarsicio Uribe-Leitz, MD, MPH; Arin L. Madenci, MD, MPH; Daniel J. Sturgeon, MS; Kristin A. Sonderman, MD, MPH; Zain G. Hashmi, MD; John W. Scott, MD, MPH; Joaquim M. Havens, MD; Adil H. Haider, MD, MPH; Samuel E. Rice-Townsend, MD; *From Center for Surgery and Public Health, Boston, MA, Brigham and Women's Hospital, Boston, MA, Boston Children's Hospital, Boston, MA*

Informing Policy on the Regionalization of Pancreatectomies in the U.S.: What Is the Right Volume Threshold?

Kristen Jogerst, MD, MPH; Yu-Hui H. Chang, PhD; David A. Etzioni, MD, FACS, FASCRS; Amit K. Mathur, MD, MS, FACS; Elizabeth B. Habermann, PhD, MPH; Nabil Wasif, MB, BS, MPH, FACS; *From Mayo Clinic Arizona, Phoenix, AZ*

Cost-Effectiveness of Early CT in Suspected Pulmonary Embolism in Trauma Patients: A Decision-Analytical Model

Norman G. Nicolson, MD; Kevin Y. Pei, MD, FACS; *From Yale University, New Haven, CT*

Evaluating a Patient-Centered Intervention to Reduce Emergency Department Utilization among Bariatric Surgery Patients

Haley E. Stevens, MPH; Rachel A. Ross, RN, MS; Amanda Stricklen, RN, MS; Amir A. Ghaferi, MD, MS; *From The University of Michigan, Ann Arbor, MI*

Variation in Access and Outcomes of Kidney Transplantation Across U.S. Transplant Centers

Rachel E. Patzer, PhD, MPH; Sudeshna Paul, PhD; Katie Ross, MPH; LaMont Sutton, MPH; Raymond Lynch, MD; *From Emory University School of Medicine, Atlanta, GA*

National Review of Readability for Common Pediatric Surgical Procedures

Cassidy West Santos; Agnes S. Montgomery; Utsav M. Patwardhan, MD; Romeo C. Ignacio, MD, FACS; *From Uniformed Services University, Bethesda, MD, Naval Medical Center San Diego, San Diego, CA*

Postoperative Antibiotic Administration in Children with Non-Perforated Appendicitis

Kibleri Williams, MD, MS; Timothy B. Lautz, MD; Richard J. Hendrickson, MD; Tolulope A. Oyetunji, MD, MPH; *From Howard University Hospital, Washington, DC, Children's Mercy Hospitals and Clinics, Kansas City, MO, Ann & Robert H Lurie Children's Hospital of Chicago, Chicago, IL*

Video-Based Coaching Requires a Culture of Psychological Safety

Yue-Yung Hu, MD; Lindsey Kreutzer, MPH; Karl Y. Bilimoria, MD, MS; Jonah J. Stulberg, MD, PhD, MPH; Julie K. Johnson, MSPH, PHD; *From Northwestern University Feinberg School of Medicine, Chicago, IL*

Underutilization of Liver Resection for Colorectal Cancer Liver Metastases in California

Mustafa Raoof, MD; Philip H.G. Ituarte, PhD; Sidra Haye, MS; Yuman Fong, MD, FACS; *From City of Hope Cancer Center, Duarte, CA, University of California, Irvine, Irvine, CA*

A Comparison of Clinical and Financial Outcomes at Urban and Rural Hospitals among Patients Receiving Inpatient Surgical Care

Faiz Gani, MB, BS; Adrian Diaz, MD, MPH; Fabian M. Johnston, MD, FACS; Timothy M. Pawlik, MD, MPH, PhD, FACS; Joseph K. Canner, MHS; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Rapid Implementation of a Transdisciplinary Enhanced Recovery after Surgery (ERAS) Program at a National Cancer Institute Comprehensive Cancer Center: An Interim Analysis

Neha Goel, MD; Tianyu Li, MS; William H. Ward, MD; Samuel M. Manstein; Alexander Kutikov, MD, FACS; Christina S. Chu, MD; Eric Ross, PhD; Robert G. Uzzo, MD, FACS; Nestor F. Esnaola, MD, MPH, MBA, FACS; *From Fox Chase Cancer Center, Philadelphia, PA*

SF324 | 2:30-4:00 pm

Global Surgery and Humanitarian Outreach III

LOCATION: 160BC

TRACK(S): INT, HUM

MODERATORS:

Randeep S. Jawa, MD, FACS, *Stony Brook, NY*

Mamta Swaroop, MD, FACS, *Chicago, IL*

Diurnal Variation in Trauma Mortality in a Resource-Poor Tertiary Trauma Center in Sub-Saharan Africa

Jared R. Gallaher, MD, MPH; Rebecca Maine, MD, MPH; Chifundo Kajombo, MB, BS, FCS; Trista Reid, MD, MPH; Anthony G. Charles, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Picture Portfolio Can Reliably Estimate Paediatric Surgical Need: A Validation of the SOSAS Survey Tool in Lagos, Nigeria

Adesoji O. Ademuyiwa, MB, BS, FWACS, FACS; Benedict C. Nwomeh, MD, MPH, FACS; Dan Poenaru, MD, FACS; Tinuola O. Odugbemi, MB, BS, MPH, FMCPH; Amanda J. Onwuka, MPH, PhD; Iyabo Y. Ademuyiwa, RN, RM, RNE, BSc, MSc, FWACN; Ogechi H. Abazie, BSc, MSc; Tu M. Tran, MSc; Justina O. Seyi-Olajide, MB, BS, FWACS; Oluwaseun A. Ladipo-Ajayi, MBChB, FWACS; *From College of Medicine, University of Lagos, Lagos, Nigeria, Nationwide Children's Hospital, Columbus, OH, Montreal University, Montreal, QC*

Ugandan Medical Student Career Choices Relate to Foreign Funding Priorities

Nasser Kakembo, MD; Martin Situma, MD; Tamara N. Fitzgerald, MD, PhD, FACS; *From Department of Surgery, Duke University, Durham, NC, Makerere University, Kampala, Uganda, Mbarara University, Mbarara, Uganda*

LED Light Source in a CMOS-Driven Flexible Nasoendoscope: A Journey from First World to Third

Khanh T. Nguyen, MD; Hiang Khoon Tan, MB, BS, FRCS, PhD; Ngian Chye Tan, MB, BS, MMed, FRCSEd, FAMS; Ky Minh Le, MD, PhD; Walter T. Lee, MD, FACS; *From Singapore Health Services, Singapore, Singapore, Duke Health, Durham, NC, National Otorhinolaryngology Hospital, Hanoi, Vietnam*

Quality of Surgical Care Measurement Tool: A Pilot Study in Amazonas, Brazil

Janía A. Ramos, MD; Lina Roa, MD; Isabelle Citron, MD; Saorabh Saluja, MD, MPP; Julia R. Amundson, MD, MPH; Vitor Moutinho, MD, MSC; David M. Ljungman, MD, PhD; Rodrigo Vaz Ferreira, MD; Nivaldo Alonso, MD, PhD; *From Universidade do Estado do Amazonas, Manaus, Brazil*

Assessment of Surgical Data Collection Systems in Five Primary Hospitals in Amhara, Ethiopia

Miseker Abate; Katherine R. Iverson, MD, MPH; Kaya Garinger, MS; Laura Drown, MPH; Joseph Incorvia, MS; Olivia Ahearn, MS; Andualem Beyene, MD; Zebeay Zeleke, MD; Bizuayehu Gashaw; Abebe Bekele, MD; *From Harvard Medical School, Boston, MA*

Utilization of a Baseline Assessment of Rwanda's Health System to Inform a National Surgical, Obstetric, and Anesthesia Strategic Plan

Kristin A. Sonderman, MD, MPH; Emmanuel Muhawenimana, MD; Kathryn Taylor; Egide AE Abahuje, MD; Christophe Mpirimbanyi, MD; Grace Kansayisa, MD; Françoise Mukagaju, MD; Brittany L. Powell; Robert Riviello, MD, MPH; Emile E. Rwamasirabo, MD; *From Rwanda Surgical Society, Kigali, Rwanda, Program in Global Surgery and Social Change, Boston, MA*

General Surgery Trainees Perform the Majority of Non-Trauma Emergency Laparotomies at Teaching Hospitals in Rwanda and South Africa

Linda L. Pohl, MBChB; Christo JC. Kloppers, MBChB, MMed, MPhil; Jennifer L. Rickard, MD; Egide AE. Abahuje, MD; Nazmie N. Kariem, MBChB; Kathryn M. Chu, MD, FACS, FACRS; *From University of Cape Town, Cape Town, South Africa, University of Rwanda, Kigali, Rwanda*

SF325 | 2:30-4:00 pm**General Surgery VII**

LOCATION: 109AB

TRACK(S): GEN

MODERATORS:

Paula Ferrada, MD, FACS, *Richmond, VA*Joaquim M. Havens, MD, FACS, *Brookline, MA***Socioeconomic Status Affects Access to Ambulatory Cholecystectomy**

Megan Janeway, MD; Amy Rosen, PhD; Gregory Patts, MPH; Eric Jones, MPH; Lisa Allee, MSW, LICSW; Karen Lasser, MD, MPH; Tracey Dechert, MD, FACS; *From Boston Medical Center, Boston, MA*

**Socioeconomic Distressed Communities Index Improves ACS NSQIP® Surgical Risk Calculator**

James H. Mehaffey, MD, MSc; Eric J. Charles, MD, PhD; Robert B. Hawkins, MD, MSc; Florence E. Turrentine, PhD, RN; Bruce D. Schirmer, MD, FACS; Peter T. Hallowell, MD, FACS; Charles M. Friel, MD, FACS; R. Scott Jones, MD, MSc; Margaret C. Tracci, MD, JD; *From University of Virginia, Charlottesville, VA*

Influences of Patient Demographics on Assessing Subjective Interpretations of Perceived Wait Times in Surgical Clinic Visitation

Zachary Sanford, MD; Jermaine O. Brown; Eric Resnick; Adam S. Weltz, MD; H. Reza Zahiri, DO; Adrian E. Park, MD, FACS, FRCSC, FCS(ESCA); *From Anne Arundel Medical Center, Annapolis, MD*

Patient Factors Associated with Low Trust in Patients with Surgical Disease

Kathryn M. Stadel, MD; Sara Khor, MASC; Elena G. Brewer, MPH; Danielle C. Lavalley, PharmD, PhD; Kemi Doll, MD, MS; Amy M. Cizik, PhD, MPH; David R. Flum, MD, FACS; Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon), FRCSEd(Hon); Giana H. Davidson, MD, MPH, FACS; *From University of Washington, Seattle, WA*

Effects of Ethnicity and Language on 30-Day Postoperative Follow-up Patterns

Sara T. Haile; Jeffrey J. Aalberg, MPH; Celia M. Divino, MD, FACS; *From Icahn School of Medicine at Mount Sinai, NY, NY*

Comparing Risk Standardized Readmission Rates of Surgical Patients at Safety Net and Non-Safety Net Hospitals

Stephanie D. Talutis, MD, MPH; Qi Chen, PhD; Na Wang, MS; Amy K. Rosen, PhD; *From Boston University School of Medicine, Boston, MA, VA Boston Healthcare System, Boston, MA, Boston University School of Public Health, Boston, MA*

Nationwide Analysis of the Hispanic Paradox: Does It Exist in Emergency General Surgery?

Adam Roussas, MSE; Mohammad Hamidi, MD; Andrew L. Tang, MD, FACS; Faisal Jehan, MD; Terence O'Keefe, MBChB, FACS; Narong Kulvatunyou, MD, FACS; El Rasheid Zakaria, MD, PhD; Lynn M. Gries, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Disparities in Race and Insurance Status in Symptomatic Incisional Hernia Repairs

Jenny M. Shao, MD; Anne Fabrizio, MD; Yewande R. Alimi, MD; Brenna Houlihan, MD; Hepzibha Alexander, BSN; Parag Bhanot, MD, FACS; Mohammed Bayasi, MD; *From Medstar Georgetown University Hospital, Washington, DC, Georgetown School of Medicine, Washington, DC*

SF326 | 2:30-4:00 pm**Colon and Rectal Surgery V**

LOCATION: 102AB

TRACK(S): CRS

MODERATORS:

Janice F. Rafferty MD, FACS, FASCRS, *Cincinnati, OH*
Marcia M. Russell, MD, FACS, *Palos Verdes Estates, CA***Long Non-Coding RNA HOTTIP Is Biomarker for Recurrence after Hepatic Metastasectomy for Colorectal Cancer**Vadim Kurbatov, MD; Danielle R. Heller, MD; Zhaoshi Zeng, MD; Philip B. Paty, MD, FACS; Jun Lu, PhD; Sajid A. Khan, MD; *From Yale College of Medicine, New Haven, CT***Challenges in the Management of T4b Colon Cancer: Chemotherapy or Surgery as First Line Treatment**Chau M. Hoang, MD; Jennifer S. Davids, MD, FACS; Cristina R. Harnsberger, MD; Paul R. Sturrock, MD; Justin A. Maykel, MD, FACS; Karim Alavi, MD, MPH, FACS; *From University of Massachusetts Medical School, Worcester, MA***Value of Pelvic 3D MRI for the Collaborative Radiological and Surgical Management of Crohn's Anal Fistulas**Mauricio Sarmiento Cobos, MD; Elliot J. Wasser, MD; Steven D. Wexner, MD; Christopher White, MD; *From Cleveland Clinic Florida, Weston, FL***Immunogenomic Pathway and Survival Analysis in Colorectal Cancer Patients Based on Tumor Location and Microsatellite Status**Yuanyuan Shen, MD; Chi-Ren Shyu, PhD; Yue Guan, PhD; Jonathan B. Mitchem, MD; *From University of Missouri-Columbia, Columbia, MO***Impact of Hepatectomy First in Management of Stage IV Colon Cancer with Synchronous Liver Metastases**Vadim Kurbatov, MD; Danielle R. Heller, MD; Jun Lu, PhD; Sajid A. Khan, MD; *From Department of Surgery, Yale School of Medicine, New Haven, CT***Restricting Intraoperative Fluid Volume Allows Earlier Return of Bowel Function after Colon Surgery: A Prospective, Matched-Cohort Analysis**Nkechinye P. Omesiete, MD; Carolina Martinez, MD; Viraj Pandit, MB, BS; Yadira Villalvazo, BA, MS; Elishia L. Thompson; Meleesa Nocera; Valentine N. Nfonsam, MD, FACS; *From University of Arizona, Tucson, AZ***Characterizing Colorectal Stem Cells to Develop Novel Diagnostic and Prognostic Markers for Colorectal Cancer**Aditi Bhattacharya, MSc; Janvie Manhas, MD; Muzaffer Bhat, MSc; Jayanth Kumar Palanichamy, MD; Sudip Sen, MD, PhD; *From All India Institute for Medical Sciences, New Delhi, India***Triamcinolone and Bupivacaine Infiltration for Pain Management after Milligan Morgan Hemorrhoidectomy: Prospective Randomized Double-Blinded Controlled Clinical Trial: Preliminary Results**Adrian Medina-Gallardo, MD, PhD; Xavier De Castro-Gutierrez, MD; Enric De Caralt-Mestres; Yuhamy Curbelo-Peña, MD; Tomas Stickar, MD; Neil Nagda; Josep Roca-Closa; Xavier X. Quer Vall, MD; Pere Roura-Poch; Helena Vallverdu-Cartie, MD, FACS; *From Vic University Hospital, Barcelona, Spain***23-Hour Stay Colectomy without Increased Readmissions: An Analysis of 1,461 Cases from the ACS National Surgical Quality Improvement Program®**Lily V. Saadat, MD; David A. Mahvi, MD; Rodney A. Gabriel, MD, MAS; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD; *From Department of Surgery, Brigham and Women's Hospital, Boston, MA, University of California, San Diego, San Diego, CA, Department of Anesthesiology, Brigham and Women's Hospital, Boston, MA***SF327** | 2:30-4:00 pm**Surgical Oncology V**

LOCATION: 107ABC

TRACK(S): ONC

MODERATORS:

Anthony D. E. Yang, MD, FACS, *Chicago, IL*
Genevieve M. Boland, MD, PhD, FACS, *Boston, MA***Prophylactic Total Gastrectomy for CDH1 Mutation: An Institutional Experience**Vishnu Prasath; John W. Harmon, MD, FACS; Sandra R. DiBrito, MD; Alex B. Blair, MD; Mehran Habibi, MD, MBA; Mark D. Duncan, MD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD***Intraoperative Near Infrared Imaging with Second Window Indocyanine Green for Thoracic Malignancies: A Dose De-Escalation Trial**Andrew D. Newton, MD; Jarrod Predina, MD; Christopher J. Corbett; Leilei Xia, MD; Michael H. Shin, MS; Lydia G. Frenzel Sul yok; Sunil Singhal, MD, FACS; *From University of Pennsylvania Perelman School of Medicine, Philadelphia, PA***Disparities in Stage at Diagnosis among Screening and Non-Screening Mandated Gastrointestinal Cancers**Francisco Schlottmann, MD; Charles Gaber, MPH; Paula D. Strassle, MSPH; Anthony G. Charles, MD, FACS; Marco G. Patti, MD, FACS; *From University of North Carolina, Chapel Hill, NC***B7-H3-Specific Chimeric Antigen Receptor (CAR) T-Cell-Based Immunotherapy for Intrahepatic Cholangiocarcinoma (ICC)**Tomohiro Kurokawa, MD, PhD; Teppei Yamada, MD, PhD; Lei Cai, MD, PhD; Soldano Ferrone, MD, PhD; Cristina R. Ferrone, MD; *From Massachusetts General Hospital, Boston, MA, University of North Carolina, Chapel Hill, NC*

Serum CA199 Response to Neoadjuvant Therapy Is Predictive of Tumor Size Decrease and Survival in Pancreatic Adenocarcinoma

Amr I. Al Abbas, MD; Mazen S. Zenati, MD, PhD; Caroline J. Reiser, MD; Ahmad Hamad, MD; Amer H. Zureikat, MD; Herbert J. Zeh III, MD; Melissa E. Hogg, MD, FACS; *From University of Pittsburgh, Pittsburgh, PA*

Overexpression of YEATS4 Contributes to Malignant Outcome in Gastric Carcinoma

Jun Kiuchi, MD; Shuhei Komatsu, MD, PhD, FACS; Katsutoshi Shoda, MD, PhD; Toshiyuki Kosuga, MD, PhD; Hiro-taka Konishi, MD; Atsushi Shiozaki, MD, PhD; Takeshi Kubota, MD, PhD; Hitoshi Fujiwara, MD; Kazuma K. Okamoto, MD; Eigo Otsuji, MD; *From Kyoto Prefectural University of Medicine, Kyoto, Japan*

M1 Polarization of Tumor-Associated Macrophages After Irradiation of Human Rectal Cancer in Patients and 3D Co-Culture Model

Victoria Sary, MD; Brigitte Wolf; Michael M. Bergmann, MD; *From Medical University of Vienna, Vienna, Austria*

Perioperative Outcomes Following Composite vs. Isolated Colorectal and Liver Resections: A Contemporary, National, Propensity Score-Matched Analysis

William H. Ward, Jr., MD; Jane Yuet Ching Hui, MD, MS; Neha Goel, MD; Tianyu Li, MS; Elizabeth Handorf, PhD; Eric Ross, PhD; Nestor F. Esnaola, MD, MPH, MBA, FACS; *From Fox Chase Cancer Center, Philadelphia, PA*

Lymph Node Dissection for Small Pancreatic Neuroendocrine Tumors Does Not Impact Survival

Theodoros Michelakos, MD; Giovanni Marchegiani, MD; Carlos Fernandez-del Castillo, MD; Marco Miotto, MD; Sonia Cohen, MD, PhD; Motaz Qadan, MD, PhD; Keith D. Lillemoe, MD; Andrew L. Warshaw, MD, FACS, FRCSed (Hon); Cristina R. Ferrone, MD; Claudio Bassi, MD, FACS; *From Massachusetts General Hospital, Boston, MA, Verona University Hospital, Verona, Italy*

SF328 | 4:15-5:45 pm

Trauma VI

LOCATION: 102AB

TRACK(S): TRA

MODERATORS:

Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*
Scott C. Brakenridge, MD, FACS, *Gainesville, FL*

Pediatric vs. Adult Trauma Centers: Closing the Gap in Nonoperative Management of Splenic Injuries. A National Trauma Data Bank Study

Radu Filipescu, MD; Colin Powers, MD; David H. Rothstein, MD, MS, FACS; Carroll M. Harmon, MD, PhD; Kathryn D. Bass, MD; *From Oishei Children's Hospital, Buffalo, NY*

Routine Spine Consultation for Isolated Thoracolumbar Transverse Process Fractures Is Unnecessary, Even When Multilevel or Bilateral

Lisa J. Toelle, MD; Ezra Y. Koh, MD; Shah-Nawaz Dodwad, MD; Mark L. Prasarn, MD; John A. Harvin, MD, FACS; David E. Meyer, MD; Bryan A. Cotton, MD, FACS; Lillian S. Kao, MD, MS, FACS; Charles E. Wade, PhD; Sasha D. Adams, MD, FACS; *From University of Texas Health Science Center at Houston, Houston, TX*

The Effects of Obesity on Penetrating Trauma

Krista L. Haines, DO; Clayton J. Rust; Suresh Agarwal, MD, FACS; *From Duke University, Durham, NC*

Establishing Threshold Variables for the Dashboard View of the Compensatory Reserve Measurement

Mallory R. Wampler, MD; Michael C. Johnson, MD; Abdul Q. Alarhayem, MD; Victor A. Convertino, PhD; Kevin K. Chung, MD; Ronald Stewart, MD; Mark DeRosa, CRT, CCRC; Brian J. Eastridge, MD, FACS; *From University of Texas Health Science Center at San Antonio, San Antonio, TX*

Computed Tomography for Anterior Abdominal Stab Wounds: Does a Negative Scan Rule Out Peritoneal Violation?

Nathan S. Rubalcava, MD; Sharjeel Israr, MD; Jordan A. Weinberg, MD; *From St. Joseph's Hospital and Medical Center, Phoenix, AZ*

Preoperative Computed Tomography in Hemodynamically Unstable Trauma Patients Is Associated with Improved Clinical Outcomes

Vincent Cheng, MD; Kenji Inaba, MD, FACS, FRCS; Kazuhide Matsushima, MD; Morgan Schellenberg, MD, MPH; Saskya Byerly, MD; Aaron M. Strumwasser, MD; Lydia Lam, MD; Demetrios Demetriades, MD, PhD; *From LA County + University of Southern California Medical Center, Los Angeles, CA*

Cannabis to Reduce Opiate Use in Patients with Acute Rib Fractures

Laura C. Lamb, MD; Monica M. DiFiori; James M. Feeney, MD, FACS; *From Saint Francis Hospital and Medical Center, Hartford, CT, University of Connecticut School of Medicine, Farmington, CT*

Age Is a Predictor for Morality after Blunt Splenic Injury

Elizabeth Warnack, MD; Marko Bukur, MD, FACS; Spiros G. Frangos, MD, FACS; Charles DiMaggio, PhD; Rosemary A. Kozar, MD, FACS; Michael J. Klein, MD; Cherisse D. Berry, MD; *From New York University School of Medicine/Bellevue Hospital, New York, NY*

Nationwide Longitudinal Study of Independent Risk Factors for Acute Respiratory Distress Syndrome after Trauma

Christopher J. Tignanelli, MD; Mark R. Hemmila, MD; Mary A. Rogers, PhD; Krishnan Raghavendran, MB, BS, FACS; *From University of Minnesota, Minneapolis, MN, University of Michigan, Ann Arbor, MI*

Nationwide Analysis of Compliance with Best Practice Guidelines for Resuscitative Endovascular Balloon Occlusion of the Aorta

Muhammad Zeeshan, MD; Mohammad Hamidi, MD; Narong Kulvatunyou, MD, FACS; Joseph V. Sakran, MD, MPH, MPA, FACS; Faisal Jehan, MD; Terence O'Keeffe, MBChB, FACS; Muhammad N. Khan, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

SF329 | 4:15-5:45 pm

Bariatric/Foregut IV

LOCATION: 107ABC

TRACK(S): GEN, BTR

MODERATORS:

Donald T. Hess, MD, FACS, *Boston, MA*

Tammy Kindel, MD, PhD, FACS, *Milwaukee, WI*

Patient-Reported Outcomes after Bariatric Surgery Vary by Procedure

Ellen H. Morrow, MD, FACS; Joshua Biber, MS, MBA; Jiwon Chang, MPH, MPA; Craig M. Gale, MS; Robert E. Glasgow, MD, FACS; Eric T. Volckmann, MD; Anna R. Ibele, MD, FACS; *From University of Utah, Salt Lake City, UT*

Bariatric Surgery in End-Stage Heart Failure: Feasibility in Successful Attainment of a Target BMI

Fernando Ramirez Del Val, MD, MPH; Bitia A. Kash, PhD, MBA; Terri Menser, PhD; Stephen L. Jones, MD, MSHI; Juha Baek, MPSA; Jaya Paraniham, PhD; Ohbet Cheon, PhD; Jerry D. Estep, MD; Vadim Sherman, MD; Nabil Tariq, MB, BS, FACS; *From Houston Methodist Hospital, Houston, TX*

Prognostic Value of Cardiopulmonary Exercise Testing for Morbidity Risk and Survival after Oesophagectomy for Cancer

Neil Patel, MB, ChB, MRCS; Arfon G. Powell, PhD, MRCS; Chris Brown, MBBCh, MRCS; Damian Bailey, PhD, MRCS; Wyn G. Lewis, MD, DSc, FRCS; *From Cardiff University, Cardiff, United Kingdom*

Surgical Outcomes Following Laparoscopic Sleeve Gastrectomy and Gastric Bypass: Findings from the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)

Luis C. Garcia, MS; Dan E. Azagury, MD; Homero Rivas, MD, MBA; John M. Morton, MD, FACS; *From Stanford University School of Medicine, Stanford, CA*

Use of Modified Frailty Index to Predict Postoperative Complication Rates after Bariatric Surgery: An Analysis of Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program

Amlish B. Gondal, MD; Chiu-Hsieh Hsu, PhD; Muhammad Zeeshan, MD; Mohammad Hamidi, MD; Iman Ghaderi, MD, MSc, FACS, FRCSC; Bellal Joseph, MD, FACS; *From The University of Arizona, Tucson, AZ*

Outcomes of Intra-Gastric Balloon for Weight Loss: A MBSAQIP Analysis

Reza Fazl Alizadeh, MD; Shiri Li, MD, PhD; Marcelo W. Hinojosa, MD, FACS; Brian R. Smith, MD; Michael J. Stamos, MD, FACS, FASCRS; Ninh T. Nguyen, MD, FACS, FASMB; *From University of California, Irvine, Orange, CA*

Laparoscopic Magnetic Sphincter Augmentation with Routine Posterior Cruroplasty: Postoperative Dysphagia and Hiatal Hernia Recurrence

Catherine Tsai, MD; Ulf Kessler, MD; Rudolf Steffen, MD, PhD; John C. Lipham, MD; Joerg Zehetner, MD, FACS; *From Hirslanden Clinic Beau-Site, Berne, Switzerland*

Sleeve Gastrectomy: Preoperative Factors Affecting Patient Management

Jin V. Lee; Shaina R. Eckhouse, MD; J. Christopher Eagon, MD; Arghavan Salles, MD, PhD; *From Washington University in St. Louis School of Medicine, St. Louis, MO*

Bariatric Surgery in the Adolescent: An Analysis of National Inpatient Sample

Zhamak Khorgami, MD; Geoffrey S. Chow, MD; Guido M. Sclabas, MD, FACS; *From University of Oklahoma - Tulsa, Tulsa, OK*

The Impact of Bariatric Surgery in the Prevention and Improvement of Chronic Kidney Disease: A Single-Institution Experience

David Romero Funes, MD; David Gutierrez Blanco, MD; Camila Ortiz Gomez, MD; Lisandro Montorfano, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL*

Functional Status Is an Independent Predictor of Poor Discharge Disposition and Mortality after Bariatric Surgery

Sara A. Hennessy, MD; Rui-Min D. Mao; Nancy Puzziferri, MD, MSCS, FACS; Amarita S. Klar, MD; Daniel J. Scott, MD, FACS; Tjasa Hranjec, MD, MS; Benjamin E. Schneider, MD; *From University of Texas Southwestern Medical Center, Dallas, TX*

SF330 | 4:15-5:45 pm

Colon and Rectal Surgery VI

LOCATION: 109AB

TRACK(S): CRS

MODERATORS:

Evangelos Messaris, MD, PhD, FACS, FASCRS, *Hershey, PA*

Russell W. Farmer, MD, FACS, FASCRS, *Louisville, KY*

Preclinical Studies Show Topotecan Decreases the Cancer Stem Cell Population in Colon Cancer

Anna C. Beck, MD; Mikhail V. Kulak, PhD; Boris Kiriazov, MD; Ronald J. Weigel, MD, PhD, FACS; *From University of Iowa, Iowa City, IA*

Advantages of Intracorporeal Anastomosis as Compared to Extracorporeal Anastomosis in Laparoscopic Right Hemicolectomy

Mooyad A. Ahmed, MD, FICMS, CABS; Syed O. Gilani, MD; Khalid N. Alsowaina, MD; Nawar A. Alkhamesi, MD, PhD, FACS, FRCS(Gen.Surg.), FRCS, FRCSEd, FRCSC; Christopher M. Schlachta, MD; *From London Health Science Center, London, Ontario*

A Randomized Pilot Study of Enhanced Structured Preoperative Optimisation Program (ESPOP) for Patients with Rectal Cancer Requiring Neoadjuvant Therapy before Major Resection

Chun Hin Angus Lee, MB, BS (Hon), FRACS; Andrew Murnane, MaApplSci; Alexander G. Heriot, MBBCh, FACS; Hilmy Ismail, MD, FANZCA; Bernhard Riedel, MD, MBA, PhD; *From Peter MacCallum Cancer Centre, Melbourne, Australia*

The POLARS Tool for Prediction of Low Anterior Resection Syndrome in Rectal Cancer Patients Undergoing Laparoscopic Surgery

Bogacki PB. Pawel, MD; Gach Tomasz, MD, PhD; Krzak M. Jan, MD; Szwed Wojciech, MD; Miroslaw Szura, MD, PhD; *From Jagiellonian University Medical College, Krakow, Poland, Hospital of Brothers Hospitallers of St. John of God, Krakow, Poland, South Jutland Hospital, Aabenraa, Denmark*

Predictors of Early Distant Relapse in Rectal Cancer Patients Submitted to Preoperative Chemo Radiotherapy

Angelo Restivo, MD; Paolo Delrio, MD; Simona Deidda, MD; Daniela Rega, MD; Andrea Barina, MD; Michela Cerci, MD; Francesco Cabras, MD; Ugo Pace, MD; Luigi Zorcolo, MD; Salvatore Pucciarelli, MD; *From Colorectal Surgery Unit, A.O.U. Cagliari, Cagliari, Italy, Fondazione Giovanni Pascale, Naples, Italy, University of Padova, Padova, Italy*

Anal Intraepithelial Neoplasia: Screening, Surveillance, and Progression

Sandra Naffouj, MD; Christina V. Warner, MD; Kunal Kochar, MD; Slawomir J. Marecik, MD, FACS; Johan Nordenstam, MD, PhD; Anders F. Mellgren, MD, PhD, FACS; John J. Park, MD, FACS, FASCRS; *From Advocate Lutheran General Hospital, Chicago, IL, University of Illinois at Chicago, Chicago, IL*

Sustained Positive Impact of ACS NSQIP® Program on Outcomes after Colorectal Surgery over the Last Decade

Ahmed M. Al-Mazrou MD, MB, BS; Haiqing Zhang, MD; Guanying Yu, MD; Pokala Kiran, MB, BS, MS, FRCS, FACS, FASCRS; *From NewYork-Presbyterian Hospital, New York, NY, Columbia University Medical Center, New York, NY*

Association of High Human Leukocyte Antigen B and C Expression Level with Prolonged Overall Survival in Colorectal Cancer

Sean Lee, MB, BS; Teppei Yamada, MD, PhD; Lei Cai, MD, PhD; Theodoros Michelakos, MD; Tomohiro Kurokawa, MD, PhD; Hang Lee, PhD; Soldano Ferrone, MD, PhD; Cristina R. Ferrone, MD; *From Massachusetts General Hospital, Boston, MA*

Adjuvant Chemotherapy Improves Survival in Patients with T4N0 Colon Adenocarcinoma

Reza Fazl Alizadeh, MD; Shiri Li, MD, PhD; Haris H. Chaudhry, MD; Mehraneh D. Jafari, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Alessio Pigazzi, MD, FACS; *From University of California, Irvine School of Medicine, Orange, CA*

SF331 | 4:15-5:45 pm

General Surgery VIII

LOCATION: 161

TRACK(S): GEN

MODERATORS:

Shinil K. Shah DO, FACS, *Richmond, TX*

Andrew S. Wright, MD, FACS, *Seattle, WA*

Nationwide Analysis of Laparoscopic vs. Open Inguinal Hernia Repair

Francisco Schlottmann, MD; Charles Gaber, MPH; Paula D. Strassle, MSPH; Emmanuel E. Sadava, MD; Arielle J. Perez, MD, MPH; *From University of North Carolina, Chapel Hill, NC*

Patient Satisfaction and Long-Term Results of a Randomized Controlled Trial Comparing Single Port vs. Conventional Laparoscopic Inguinal Hernia Repair

Sujith Wijerathne, MB, BS, MRCS, MMed, FRCS; Raquel Maia, MD; Davide Lomanto, MD, PhD; Hrishikesh Salgaonkar; *From National University Hospital, Singapore, Singapore*

Patient-Centered Outcomes following Laparoscopic Totally Extraperitoneal Inguinal Hernia Repair in over 1,000 Patients

Merritt Denham; Kara Donovan; Nicole M. Wetoska; Kristine Kuchta, MS; John G. Linn, MD; Woody Denham, MD, FACS; Stephen P. Haggerty, MD, FACS; Zeeshan Butt, PhD; JoAnn M. Carbray; Michael Ujiki, MD, FACS; *From North-Shore University Health System, Evanston, IL*

Is Robotic Assisted Inguinal Hernia Repair Comparable or Superior to Laparoscopic Approach?

Pedro P. Gomez, MD; Guilherme S. Mazzini, MD; Jad Khoraki, MD; Gretchen R. Aquilina, DO; Jennifer Salluzzo, MD; Guilherme M. Campos, MD, FACS, FASMB; *From Virginia Commonwealth University, Richmond, VA*

Neuropathic Pain following Inguinal Hernia Repair (A Prospective Case Control Study)

Bernd Klinge, MD; Christiane Barthel, MD; Malte E. Kornhuber, MD; *From Helios Klinik Sangerhausen, Sangerhausen, Germany*

Mesh Placement in Open Repair of Umbilical Hernia Greater than or Equal to 1.5 cm Reduces Risk of Recurrence

Kara Donovan; Merritt Denham; Nicole M. Wetoska; Kristine Kuchta, MS; Woody Denham, MD, FACS; John G. Linn, MD; Stephen P. Haggerty, MD, FACS; JoAnn M. Carbray; Michael Ujiki, MD, FACS; *From NorthShore University Health System, Evanston, IL*

Umbilical Hernia Repair with Mesh: Reviewing Predictors of Ideal Outcomes

Kathryn Schlosser, MD; Javier Otero, MD; Michael R. Arnold, MD; Angela M. Kao, MD; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD; Paul D. Colavita, MD; *From Carolinas Medical Center, Charlotte, NC*

Early-Onset vs. Late-Onset Inguinal Hernia Mesh Infections: A Retrospective Cohort Study

Mahir Gachabayov, MD; Rifat Latifi, MD, FACS; *From Vladimir City Clinical Hospital of Emergency Hospital, Vladimir, Russian Federation, Westchester Medical Center, Valhalla, NY*

Inguinal Hernia Repair Associated with Increased Postoperative Opioid Refill Rate

John F. Tierney, MD; Lilia G. Schulenberg; Julia Coughlin, MD; Javeria S. Qureshi, MD, MPH; *From John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, Rush University Medical Center, Chicago, IL*

Could Long-Term Follow-Up Modify Outcomes after Laparoscopic TAPP?: A Five-Year Retrospective Cohort Study

Maria E. Peña, MD; Nicolas H. Dreifuss, MD; Romina F. Reino, MD; Francisco Schlottmann, MD; Emmanuel E. Sadava, MD; *From Hospital Alemán de Buenos Aires, Buenos Aires, Argentina*

SF332 | 4:15-5:45 pm

Health Services Research VIII

LOCATION: 153ABC

TRACK(S): HP

MODERATORS:

Joaquim M. Havens, MD, FACS, *Boston, MA*

Ian M. Paquette, MD, FACS, *Cincinnati, OH*

Coordination of Care in Colorectal Cancer Patients: A Population-Based Study

Miquell O. Miller, MD; Amber W. Trickey, PhD; Cindy J. Kin, MD, MS; Sarah T. Hawley, PhD; Paul Abrahamse, MA; Arden M. Morris, MD, FACS; *From Stanford University, Stanford, CA, University of Michigan, Ann Arbor, MI*

Cost-Effectiveness Evaluation of Laparoscopic vs. Robotic Minimally-Invasive Colectomy

Vlad V. Simianu, MD, MPH; Wolfgang B. Gaertner, MD, FACS; Karen Kuntz, ScD; Mary R. Kwaan, MD, MPH, FACS; Ann C. Lowry, MD; Robert D. Madoff, MD, FACS; Christine C. Jensen, MD, MPH; *From University of Minnesota, Minneapolis, MN*

Avoidable Mortality Attributable to Surgical Conditions: An Indicator for Performance Evaluation of International Surgical Systems

Ricardo J. Bello, MD, MPH; Jorge A. Browne, MD; Joseph V. Sakran, MD, MPH, MPA, FACS; Kent A. Stevens, MD, FACS; *From Johns Hopkins University, Baltimore, MD, Pontificia Universidad Católica de Chile, Santiago, Chile*

Did the Affordable Care Act Medicaid Expansion Impact Vascular Admissions and Surgeries?

Emanuel Eguia, MD, MHA; Adrienne N. Cobb, MD; Haroon M. Janjua, MS; Carlos Bechara, MD; Murray L. Shames, MD, FACS; Paul C. Kuo, MD, MS, MBA; *From Loyola University Medical Center, Maywood, IL, University of South Florida, Tampa, FL*

Surgeon Emotional Intelligence Is Strongly Correlated with Patient Satisfaction

Edmund W. Lee, MD; Brittany N. Hasty, MD; James N. Lau, MD, FACS, MD, MHPE, FACS; Sylvia Berekenyei Merrell, DrPH, MS; Mary T. Hawn, MD, FACS; Tait Shanafelt, MD; Arghavan Salles, MD, PhD; Dana T. Lin, MD, FACS; *From Stanford University School of Medicine, Stanford, CA*

Emotional Intelligence as a Possible Safeguard to Surgeon Wellness

Edmund W. Lee, MD; Brittany N. Hasty, MD; James N. Lau, MD, FACS, MD, MHPE, FACS; Sylvia Berekenyei Merrell, DrPH, MS; Mary T. Hawn, MD, FACS; Tait Shanafelt, MD; Arghavan Salles, MD, PhD; Dana T. Lin, MD, FACS; *From Stanford University School of Medicine, Stanford, CA*

Motivations of Men with Severe Obesity Who Pursue Bariatric Surgery or Medical Weight Management

Sally A. Jolles, MA; Esra Alagoz, PhD; Corrine I. Voils, PhD; Grace E. Shea; Natalie Liu, MD; Luke M. Funk, MD, FACS; *From William S. Middleton VA, Madison, WI, University of Wisconsin-Madison, Madison, WI*

Population Health Initiatives Increase Patient Engagement and Satisfaction with Health Care Services

John C. Hardaway, MD, PhD; Ayana Allard-Picou, MD; N. Joseph Espat, MD, FACS; Abdul Saied Calvino, MD; *From Roger Williams Medical Center, Providence, RI*

Structured Review of Surgical Innovations Decreases Time to Implementation and Avoids Patient Complications

Rebecca K. Marcus, MD; Heather A. Lillemoe, MD; Abigail S. Caudle, MD, MS, FACS, CMQ; Jeffrey S. Weinberg, MD, FACS; Paul W. Gidley, MD; Charles F. Levenback, MD; Thomas A. Aloia, MD, FACS; *From The University of Texas MD Anderson Cancer Center, Houston, TX*

Surgical Interprofessional Communication during a Hospital Ransomware Attack

Jane Y. Zhao, MD; Evan G. Kessler, MD; Weidun A. Guo, MD, FACS; *From University at Buffalo, Buffalo, NY*

Improving the Quality of Rectal Cancer Care in the U.S.: Is Accreditation Enough?

Kerui Xu, PhD, MPH; Charles W. Acher, MD; Nick A. Zaborek, MA; Jessica R. Schumacher, PhD; Elise H. Lawson, MD, MSHS; *From University of Wisconsin School of Medicine and Public Health, Madison, WI*

Racial Differences in the Treatment of Extremity Soft-Tissue Sarcoma in a Universally-Insured Population

Linda M. Pak, MD; Nicollette K. Kwon, MSc; Elizabeth H. Baldini, MD, MPH; Peter A. Learn, MD, FACS; Tracey Koehlmoos, PhD, MHA; Adil H. Haider, MD, MPH; Chandrajit P. Raut, MD, MSc; *From Brigham and Women's Hospital, Boston, MA, The Uniformed Services University of the Health Sciences, Bethesda, MD*

Impact of State Specific Health Care Reform on Use of Bariatric Surgery

Dana A. Telem, MD, FACS; Tanima Banerjee, MS; Neil S. Kamdar, MA; Justin B. Dimick, MD, MPH; *From University of Michigan, Ann Arbor, MI*

Opioid Prescribing and Patient Satisfaction after General Surgery

Brian T. Fry, MS; Jay S. Lee, MD; Ryan Howard, MD; Darrell A. Campbell, MD; Chad Brummett, MD; Jennifer F. Waljee, MD, FACS; Michael J. Englesbe, MD, FACS; Joceline V. Vu, MD; *From University of Michigan, Ann Arbor, MI*

Today's Students, Tomorrow's Surgeons: Opinions on Health Care Reform

Jordan M. Rook; Tyler N. Winkelman, MD, MSc; Alec M. Feuerbach, BS; James R. Blum, ScB; Jacob A. Fox; Cynthia S. Davey, MS; Antoinette R. Oot; Jacob B. Pierce; Bruce L. Henschen, MD, MPH; *From Northwestern University Feinberg School of Medicine, Chicago, IL, University of Minnesota, Minneapolis, MN*

Fasting Serum Glucose Predictive of Approval for Living Kidney Donation among Obese Donor Candidates

Margaux N. Mustian, MD; Paul A. MacLennan, MPH, PhD; Rhiannon D. Reed, MPH; Brittany A. Shelton, MPH; Vineeta Kumar, MD; Jayme E. Locke, MD, MPH, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

The Association of the Affordable Care Act with Medicaid Enrollment Status and Costs of Care at a Level I Trauma Center in a Medicaid Non-Expansion State

Michael R. Nahouraii; Kyle W. Cunningham, MD, MPH; Ronald F. Sing, DO, FACS; Ashley B. Christmas, MD, FACS; Kelly E. Sing, MHA; *From Carolinas Medical Center, Charlotte, NC*

Early Discharge Teams an Essential Adjunct to Enhanced Recovery after Colorectal Surgery

Kunal Shetty, MRCS, PhD; Frank Smedley, FRCS; Joseph PM. Ellul, MCh, FRCS; *From King's College Hospital NHS Foundation Trust, London, United Kingdom*

OWEN H. WANGENSTEEN SCIENTIFIC FORUM e-POSTER PRESENTATIONS

e-Poster Rounds

The format will include multiple stations in the e-Poster Rounds sessions. Authors will be assigned to present their research at a designated station and invited moderators will lead a discussion. e-Poster presentations are approximately three minutes long and will feature a discussion and/or question-and-answer session immediately following the presentation. All e-Posters will be located in 253ABC.

e-Posters of Exceptional Merit

Tuesday, October 23, 11:30 am-12:30 pm
ROOM: 253ABC

Valproic Acid Treatment Attenuates Degenerative Brain Lesions, Neuroinflammation, and Apoptosis in Long-Term Survival Model of Traumatic Brain Injury, Hemorrhagic Shock, and Polytrauma in Swine

Panpan Chang, MD; Aaron M. Williams, MD; Isabel S. Denahy, MD; Umar F. Bhatti, MD; Baoling Liu, MD; Vahagn C. Nikolian, MD; Yongqing Li, MD, PhD; Hasan B. Alam, MB, BS, FACS; *From University of Michigan, Ann Arbor, MI, Peking University People's Hospital, Beijing, China*

Immediate and Early Surgical Results of Acute Osteomyoplastic Trans-Femoral Amputation for the Mangled Lower Extremity

William J. Ertl, MD, FACS; *From University of Oklahoma, Oklahoma City, OK*

Unplanned Reoperations in Pediatric Patients Undergoing General Abdominal Operations: Analysis of the American College of Surgeons National Surgical Quality Improvement Program - Pediatric

Chinwendu Onwubiko, MD, PhD; Michelle Shroyer, MPH; Robert T. Russell, MD, MPH; *From Children's of Alabama, University of Alabama at Birmingham, Birmingham, AL*

A Novel Nanofiber-Hydrogel Composite to Improve Fat Grafting Outcomes

Deepa Bhat, MD; Bartłomiej Kachniarz, MD, MBA; Michelle Seu; Xiaowei Li, PhD; Russell Martin, PhD; Brian Cho, MD; Sashank Reddy, MD, PhD; Justin M. Sacks, MD, MBA, FACS; Hai-Quan Mao, PhD; *From Johns Hopkins University, Baltimore, MD, University of Illinois- Metropolitan Group Hospitals, Chicago, IL*

Inhibition of IL-10 Augments Mesothelin Chimeric Antigen Receptor (CAR) T-Cell Activity in Epithelial Ovarian Cancer (EOC)

Ramesh B. Batchu, PhD; Oksana V. Gruzdyn; Ebrahim M. Mahmud; Sagar Rohondia, MD; Santosh K. Manmari, MD; Suman P. Tavva, MS; Udaya P. Sri, PhD; Gamal Mostafa, MD; Donald W. Weaver, MD, FACS; Scott A. Gruber, MD, PhD, MBA, FACS; *From John D. Dingell VA Medical Center, Detroit, MI, Wayne State University, Detroit, MI, Med Manor Organics Pvt Ltd, Hyderabad, India*

Best International Poster of Exceptional Merit

Neurophysiology of Learning in Basic Skills of Laparoscopic Surgery in Medical Students

Alan I. Valderrama Treviño, MD; Jesus C. Ceballos Villalva, MD; Juan J. Granados Romero, MD; *From Universidad Nacional Autonoma De Mexico, Mexico City, Mexico*

Monday, October 22

SF105 | 9:45-11:15 AM

e-Poster Rounds I

LOCATION: 253ABC

Station 1

Ethics, Neurological Surgery, Otolaryngology, Orthopaedic, Ophthalmic

MODERATORS:

George M. Fuhrman, MD, FACS, *New Orleans, LA*
Jacob Peschman, MD, *Milwaukee, WI*

Opinion on Gun Control after Mass Casualty Event: Route 91 Shooting, Las Vegas, Nevada

Neal M. Foley, DO; Kitae Kim, MD, FACS; Cyrus D. Rahnema, MD; Nelly Chow, DO; Brian Czarkowski, MD; Morgan M. Pomeranz, MD; *From Sunrise Trauma and Medical Center, Las Vegas, NV*

Academic General Surgery: Influences for Gender Disparity in North America

Frank Battaglia; Sabeena Jalal, MB, BS, MSc; Faisal Khosa, MD, MBA; *From University of Ottawa, Ottawa, Ontario, University of British Columbia, Vancouver, British Columbia*

Evaluation of Intravitreal Injection Techniques and Intraocular Pressure Spikes

Katrina Mears, MD, MSc; *From Retina Consultants of Southwest Florida, Fort Myers, FL*

What Patients Say about Their Surgeons Online: A Qualitative Analysis of Physician Ratings

Erika King, MA; Katie Marrero, MA; Emilie Song; Abbey L. Fingeret, MD; *From University of Nebraska Medical Center, Omaha, NE*

Surgical Risk Communication to and Retention by Patients: Where Are We Now?

Davis M. Aasen; Allan V. Prochazka, MD, MSc; Karl Hammermeister, MD; Aaron S. Fink, MD, FACS; Robert A. Meguid, MD, MPH, FACS; *From University of Colorado, Aurora, CO, Emory University, Atlanta, GA*

Functional Outcome of Anterior Cervical Discectomy and Fusion with Taper Titanium Cage for Cervical Spondylosis

Saumitra Sarkar, MS; *From Shaheed Suhrawardy Medical College Hospital, Dhaka, Bangladesh*

Identification of Titanium Alloy Lumbar Spinal Implants by Current Metal Detectors

Sebastian I. Fras; Christian I. Fras, MD; *From Institute for Spinal Surgery, Broomall, PA*

Risk Stratification in Traumatic Space-Occupying Intracranial Hemorrhage

Andrew Y. Powers; Mauricio B. Pinto, Oliver Y. Tang; Jia-Shu Chen; Cody A. Doberstein; Wael F. Asaad, MD, PhD; *From Rhode Island Hospital, Providence, RI*

Role of Zuckermandl's Tubercle and Neurovascular Structures in Parathyroid Identification during Thyroidectomy

Abhinandan Bhattacharjee, MS, PhD, FACS; *From Silchar Medical College, Silchar, India*

Station 2**Cardiac Surgery, Thoracic Surgery****MODERATORS:**

Sasha D. Adams, MD, FACS, *Houston, TX*

James Huang, MD, FACS, *New York, NY*

The Role of Hexim1 in Chagas Disease-Associated Cardiomyopathy

Mohammad Choudhary, MD; Eduardo Mascareno, PhD; Iman Simmonds, MD; Daniel L. Beckles, MD, PhD, FACS; Daniel J. Luthringer, MD; Karthik Sreedhara; *From Suny Downstate Medical Center, Brooklyn, NY, Cedars-Sinai, Los Angeles, CA*

Single-Shot Crystalloid Cardioplegia in Pulmonary Thromboendarterectomy for Chronic Thromboembolic Pulmonary Hypertension

Yoshiya Toyoda, MD, PhD; G. William Moser, CRNP; Vipin Dulam; Mohammed A. Kashem, MD, PhD; *From Temple University, Philadelphia, PA*

da Vinci XI Does Not Offer Improved Outcomes over da Vinci SI for Lobectomy

Toby P. Keeney-Bontrone; Armani M. Hawes; Kenneth L. Abbott, MS; Andrew C. Chang, MD; Jules Lin, MD; Kiran H. Lagisetty, MD; Rishindra M. Reddy, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Higher Level of Anticoagulation Is Associated with Worse Outcomes for Patients on Extracorporeal Membrane Oxygenation (ECMO)

Brian C. Ayers, MBA; Katherine Wood, MD; Amber Melvin, MD; Igor Gosev, MD; *From University of Rochester, Rochester, NY*

Safety of Left Ventricular Myocardial Sampling during Cardiac Surgery to Better Understand the Cardiac Microenvironment

David Skavdahl, MD; Sergey V. Ryzhov, MD, PhD; Angela M. Kosta; Reed D. Quinn, MD; Robert S. Kramer, MD; Douglas B. Sawyer, MD, PhD; Michael P. Robich, MD; *From Maine Medical Center, Portland, ME*

Government-Based Insurance Is Associated with Fewer Arterial Conduits in Coronary Artery Bypass Grafting

Xun Zhou, MD; Charles D. Fraser, MD; Alejandro Suarez-Pierre, MD; Cecillia Lui, MD; Juan A. Sanchez, MD; Bradley S. Taylor, MD; John V. Conte, MD; Robert S.D. Higgins, MD; *From Johns Hopkins Hospital, Baltimore, MD, Maryland Cardiac Surgery Quality Initiative, Baltimore, MD*

Artificial Intelligence Improves Left Ventricular Assist Device Driveline Infections

Rinku Skaria; Shravan Aras, PhD; Thienne Johnson, PhD; Kitsie Johnson; Jeno Szep, PhD; Chris Gniady, PhD; Salim Hariri, PhD; Zain I. Khalpey, MD, PhD, FACS; *From University of Arizona, Tucson, AZ*

Demographic Factors Impacting the Utilization of Minimally Invasive Lobectomy

Tarundeep Singh; Aleksander Zywoť, MD, MPH; Subroto Paul, MD; *From Morristown Medical Center, Morristown, NJ, Robert Wood Johnson Barnabas Health, Livingston, NJ, Rutgers New Jersey Medical School, Newark, NJ*

Outcome Comparison between Video-Assisted Thorascopic (VATS) and Robot-Assisted Lobectomy

Toby P. Keeney-Bonthrone; Armani M. Hawes; Kenneth L. Abbott, MS; Jules Lin, MD; *From University of Michigan, Ann Arbor, MI*

An Immune Cell Atlas of Thymic Epithelial Tumors Reveals a Cellular Network Signature for Locally Aggressive Tumors

Eric M. Lo; Hyun-Sung Lee, MD, PhD; Hee-Jin Jang, MD; Cynthia Y. Truong; David J. Sugarbaker, MD; Bryan M. Burt, MD, FACS; *From Baylor University, Houston, TX*

Characterizing Long-Term Pneumonectomy Outcomes through Risk Factor and Survival Analyses

Pooja S. Yesantharao, MS; Trevor A. Davis; Stephen C. Yang, MD; *From Johns Hopkins University, Baltimore, MD*

Effect of Gastric Fluid Aspiration on the Lung Microbiota of Laboratory Rats

Sade Finn, MD; Uwe Scheuermann, MD; William Parker; Shu S. Lin, MD, PhD, FACS; Erin A. McKenney, MS, PhD; Joshua A. Granek, PhD; *From Duke University, Durham, NC*

Station 3**Hepatobiliary and Pancreas****MODERATORS:**

Ryan T. Groeschl, MD, *Duluth, MN*
May Tee, MD, *Des Moines, IA*

Nanoparticle-Blood Interactions: New Insights into Pancreatic Cancer Biology?

Damiano D. Caputo, MD, FACS; Mariacristina M. Cartillone, MD; Chiara Cascone, MD; Daniela Pozzi, PhD; Luca Digiacomo; Sara Palchetti, PhD; Giulio G. Caracciolo; Roberto Coppola, MD, FACS; *From University Campus Bio-Medico di Roma, Rome, Italy, Sapienza University of Rome, Rome, Italy*

Upregulation of HOX Genes in Pancreatic Ductal Adenocarcinoma (PDAC) Associated with Exceptionally Long Survival

Eriko Katsuta, MD, PhD; Li Yan, MD; Kazuaki Takabe, MD, PhD, FACS; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY*

Facility Type Is Associated with Margin Status and Overall Survival in Patients with Intrahepatic Cholangiocarcinoma Who Undergo Resection

Grace C. Lee, MD; T. Clark Gamblin, MD, MS, MBA; Cristina R. Ferrone, MD; Lipika Goyal, MD; Keith D. Lillemoe, MD, FACS; Lawrence S. Blaszkowsky, MD; Kenneth K. Tanabe, MD, FACS; Motaz Qadan, MD, PhD; *From Massachusetts General Hospital, Boston, MA, Medical College of Wisconsin, Milwaukee, WI, Newton Wellesley Hospital, Newton, MA*

Biodegradable Prosthesis for the Treatment of Extrahepatic Bile Duct Injuries

Alan I. Valderrama-Treviño, MD; German E. Mendoza Barrera, MD; Andrés E. Castell-Rodríguez, MD; Nadia A. Vázquez-Torres, MD; Rolando Hernández-Muñoz, MD; Baltazar Barrera-Mera, MD; Eduardo E. Montalvo-Javé, MD; *From Universidad Nacional Autónoma de México, Mexico City, Mexico*

Operative Duration: An Independent Determinant of Morbidity and Mortality Following Hepatectomy

Joshua S. Jolissaint, MD; Adam C. Fields, MD; David A. Mahvi, MD; Richard Urman, MD, MBA; Jason S. Gold, MD, FACS; Edward E. Whang, MD; *From Brigham and Women's Hospital, Boston, MA, Veteran's Administration, Boston Healthcare System, West Roxbury, MA*

Temporal Trends of Hepatocellular Carcinoma Diagnosis and Treatment Utilization in the Veteran Affairs Health System

Caitlin A. Hester, MD; Matthieu Chansard, MCRC; Sergio Huerta, MD, FACS; Jorge A. Lopez, MD; Adam C. Yopp, MD, FACS; Eric Mortensen, MD, MSc; Patricio M. Polanco, MD; *From University of Texas Southwestern, Dallas, TX, Dallas VA Medical Center, Dallas, TX*

Effects of Preoperative Opioid Use on Postoperative Outcomes in Patients Undergoing**Pancreaticoduodenectomy for Treatment of Pancreatic Adenocarcinoma**

Maureen V. Hill, MD; Ryland S. Stucke, MD; Kerrington D. Smith, MD, FACS; *From Dartmouth Hitchcock Medical Center, Lebanon, NH*

A Novel Murine Model for Pancreatic Cancer Recurrence and Dormancy

Bhuwan Giri, MB BS; Anthony R. Ferrantella, MD; Bharti Garg, PhD; Vrishketan Sethi, MD; Saba Kurtom, MD; Shrey Modi, MD; Harrys K.C. Jacob, PhD; Leonor H. Hellmund; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

A Single-Institution Experience of Hepatic Resection in the Elderly at a Tertiary Referral Center

Jessica L. Mueller; George Molina, MD, MPH; David C. Chang, PhD, MPH, MBA; Cristina R. Ferrone, MD; Parsia A. Vagefi, MD; Kenneth K. Tanabe, MD, FACS; Motaz Qadan, MD, PhD; *From Massachusetts General Hospital, Boston, MA*

Cumulative Radiation Exposure in Surgeons during Intraoperative Cholangiography

Arnold J. Barrios, MD, FACS; Jaime Martinez, MD; Neil V. Vega, MD, MSc, FACS; Fredy Mendivelso, MD, MPH, MSc, FETP; Gabriela Acosta; Maria C. Padua; Isaac Juan; *From Clínica Reina Sofia, Bogotá, Colombia, Fundación Universitaria Sanitas, Bogotá, Colombia*

Long-Term Outcomes after Liver Resection Compared with Ablation for Colorectal Liver Metastases

Molly E. Kelly; Zachary J. Senders, MD; Lamia G. Harik; John B. Ammori, MD; *From University Hospitals Cleveland Medical Center, Cleveland, OH*

lncRNA GSTM3TV2 Upregulates LAT2 and OLR1 to Promote Gemcitabine Resistance in Pancreatic Cancer

Gang Yang, MD; Mengyu Feng, MD; Jiangdong Qiu, MD; Guangbing Xiong, MD; Zhe Cao, MD; Lei You, MD; Taiping Zhang, MD; *From Peking Union Medical College Hospital, Beijing, China*

Margins Matter: Furthering the Case for Neoadjuvant Therapy in Resectable Pancreatic Adenocarcinoma

John V. Gahagan, MD; Matthew D. Whealon, MD; David K. Imagawa, MD, FACS; Aram N. Demirjian, MD; *From University of California, Irvine, Orange, CA, Mount Auburn Hospital and Harvard Medical School, Cambridge, MA*

The Effectiveness of Adjuvant Chemotherapy in Patients with Stage I Pancreatic Cancer Based on UICC Classification: Multicenter Database Retrospective Analysis

Ryoga Hamura, MD; Yuki Fujiwara, MD, PhD; Yoshihiro Shirai, MD, PhD; Koichiro Haruki, MD, PhD; Hiroaki Shiba, MD, PhD, FACS; Teruyuki Usuba, MD, PhD; Yukio Nakabayashi, MD; Takeyuki Misawa, MD, FACS; Tomoyoshi Okamoto, MD, PhD, FACS; Katsuhiko K. Yanaga, MD, PhD, FACS; *From Jikei University, Tokyo, Japan, Kawaguchi Municipal Medical Center, Saitama, Japan*

Management of Mixed Hepato-Cholangiocellular Carcinoma: A Population-Based Analysis

Gaya Spolverato, MD; Fabio Bagante, MD; Timothy M. Pawlik, MD, MPH, PhD, FACS; *From Ohio State University, Columbus, OH, Columbus, OH*

Station 4

General Surgery, Obstetrics and Gynecology

MODERATORS:

Denise W. Gee, MD, FACS, *Boston, MA*
Miguel A. Burch, MD, *Los Angeles, CA*

Non-Traumatic Abdominal Emergencies and Pregnancy: Difficult and High-Risk Situations

Ali Bendjaballah, MD, FACS; *From Ain Taya Hospital, Algiers, Algeria*

Multidisciplinary Survey of Current and Future Use of Emergency Laparotomy Risk Assessment Scores

Ahmed W.H. Barazanchi, MBChB; Wiremu MacFater, MBChB; Weisi Xia, MBChB; Andrew G. Hill, MBChB, FACS; *From University of Auckland, Auckland, New Zealand*

Infliximab-First vs. Colectomy-First Management in Acute Severe Ulcerative Colitis: Comparison of Long-Term Outcomes, Inpatient Costs, and Complication

Asiri Arachchi, MB, BS; Abhinav Vasudevan, MB, BS; *From Eastern Health Melbourne Australia, Melbourne, Australia*

Effect of a SSI Surveillance Program in a High-Complexity University Hospital in Colombia

Roosevelt R. Fajardo, MD, MBA, FACS; Blanca S. Vanegas Morales, MSc; William Cruz Mususu, MD; Heidy Trujillo Gordillo; *From Hospital Universitario Fundación Santa Fe de Bogotá, Bogotá D.C., Colombia*

Acta2, Tnc, and Col24a1 Expression Are Associated with Abdominal Adhesion Formation

Clement D. Marshall, MD; Deshka S. Foster, MD; Ryan C. Ransom; Anoop Manjunath; Gunsagar Gulati; Michael S. Hu, MD, MPH, MS; Alessandra L. Moore, MD; Leandra A. Barnes; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

The Incidence of Cocaine Use in Perforated Peptic Ulcer Disease at a Large Safety Net Hospital

Rui-Min D. Mao; Gregory J. Roberts, MD; Tjasa Hranjec, MD, MS; Sara A. Hennessy, MD; *From University of Texas, Dallas, TX*

Microbiology of Negative Surgical Explorations for Necrotizing Soft-Tissue Infections

Erin C. Howell, MD; Jessica A. Keeley, MD; Alexis L. Woods; Amy H. Kaji, MD, PhD; Molly Deane, MD; Dennis Y. Kim, MD, FACS; Angela L. Neville, MD, FACS; *From Harbor-University of California, Torrance, CA*

Impact of Anastomotic Leak on Patients and Surgeons

Anaar Siletz, MD, PhD; Jonathan Grotts, MA; Emma Edmond; Catherine E. Lewis, MD; Areti Tillou, MD, FACS; Kevork Kazanjian, MD, FACS; Henry Cryer, MD; Ali M. Cheaito, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

A 30-Day Prospective Inpatient Audit of All Postoperative Non-Trauma Acute Care Surgery Outcomes: How Well Do We Perform?

Patrick B. Murphy, MD; Kevin K. Verhoeff; Omar Albusaidi, MD; Matthew Patterson, MSc; Sandy Widder, MD, FACS; Neil G. Parry, MD, FACS, FRCSC; Kelly N. Vogt, MD; John B. Kortbeek, MD, FACS; Anthony R. MacLean, MD, FACS; Chad G. Ball, MD, FS; *From University of Calgary, Calgary, Alberta, University of Alberta, Edmonton, Alberta, University of Western Ontario, London, Ontario*

Surgeons in Value-Based Medicine: The Melanoma Care Cycle

W. Preston Hewgley; Douglas R. Layman, MD; Kendall A. Waddey; Whitney Guerrero, MD; Alykhan Premji; Tyler Speaks, MS; Andrew M. Fleming; Xin Huang; Lorraine M. Albritton, PhD; Martin D. Fleming, MD, FACS; *From University of Tennessee, Memphis, TN*

Station 5

General Surgery

MODERATORS:

Tyler G. Hughes, MD, FACS, *Salina, KS*
James C. Ellsmere, MD, *Halifax, NS*

Hernia Recurrences after Posterior Component Separation with Transversus Abdominis Release: Why Does This Happen and How Do We Fix Them?

Luciano Guilherme Tastaldi, MD; Hemasat Alkhatib, MD; Clayton C. Petro, MD; Sambit Sahoo, MD, PhD; Dominykas Burneikis, MD; Steven M. Rosenblatt, MD, FACS; David Krpata, MD; Michael J. Rosen, MD, FACS; Ajita S. Prabhu, MD, FACS; *From Cleveland Clinic Foundation, Cleveland, OH*

Variation in the Utilization of Robotic Surgical Operations

Jennifer H. Fieber, MD; Chris Wirtalla; Lindsay E. Kuo, MD, MBA; Rachel R. Kelz, MD, MSCE, FACS; *From University of Pennsylvania, Philadelphia, PA*

A Novel Prediction Scoring System of Appendiceal Malignancy in Patients Being Considered for Nonoperative Management of Acute Appendicitis

C. Randall Cooper, MD; Felipe E. Pedroso, MD, MPH; Beth R. Hochman, MD; Tracey D. Arnell, MD; *From Columbia University, New York, NY*

Impact of Modifiable Comorbidities on Wound Complications after Ventral Hernia Repair

Hemasat Alkhatib, MD; Luciano Tastaldi, MD; Clayton C. Petro, MD; Dominykas Burneikis, MD; David Krpata, MD; Steven M. Rosenblatt, MD, FACS; Michael J. Rosen, MD, FACS; Ajita S. Prabhu, MD, FACS; *From Cleveland Clinic Foundation, Cleveland, OH*

An Early Recovery following Abdominal Surgery (ERAS) Protocol Improves Both Patient Quality and Resource Utilization

Michael L. Cheatham, MD, FACS; Connie Popper, MSN, RN; Holly K. Taggart, RN, CIC; Jill Dykstra-Nykanen, RN, MSN; Donald Plumley, MD, FACS; Jeffrey R. Smith, MD, FACS; Patricia D. Boyette, MSHS, NE-BC; *From Orlando Health, Orlando, FL*

Addition of a Copolymer to a Chlorhexidine Gluconate (CHG)-Containing Preparation Resulted in Greater Antimicrobial Efficacy and CHG Retention in this Repetitive Saline Soak/Wipe Model

Deb Schwab; Joan E. Paulson; Dan J. Morse, MS; Kimberly Prinsen, RN, MSN; *From 3M Health Care, St Paul, MN*

Complex Incisional Hernias in Morbidly Obese Patients: Hernia Repair Outcomes with Weight Loss Surgery

Turna Mukherjee, MD; Alexander D. Schroeder, MD; Nara L. Tashjian, MBA; Margaret Siu; Robert J. Fitzgibbons, MD; Kalyana Nandipati, MB, BS; *From Creighton University, Omaha, NE*

Biliary Complications after Liver Surgery: An 11-Year Single-Center Experience

Fabian Fitschek, CM; Christoph C. Schwarz, MD, PhD; Antonia Punzengruber; Immanuel Plass, CM; Julia Jedamzik, MD; Martin Bodingbauer, MD; Klaus Kaczirek, MD, FACS; *From Medical University of Vienna, Vienna, Austria*

Evidence-Based Management of Pain after Laparoscopic Cholecystectomy: A Prospect Review

Ahmed W.H. Barazanchi, MBChB; Wiremu MacFater, MBChB; Jamie-Lee Rahiri, MBChB; Senitila Tutone, MBChB; Andrew G. Hill, MBChB, FACS; Girish Joshi, MB, BS, MD, FFARCSI; *From University of Auckland, Auckland, New Zealand*

National Trends in Total vs. Subtotal Gastrectomy for Middle and Distal Third Gastric Cancer

Tammy Ju, MD; Lisbi Rivas, MD; Kyle Kurland; Andrew D. Sparks, MS; Sheena W. Chen, MD; Paul P. Lin, MD, FACS; Khashayar Vaziri, MD, FACS; *From George Washington University Hospital, Washington, DC*

Analysis of Risk Factors Influencing Outcome in Primary Inguinal Hernia Repairs in Male Patients

Andreas Koch, MD, FACS; Ralph Lorenz, MD; Ferdinand Koeckerling, MD; Daniela Adolf, PhD; *From Day Surgery and Hernia Center Cottbus, Cottbus, Germany, Herniamed gmbH, Berlin, Germany, Institute of Quality Assurance University Magdeburg, Magdeburg, Germany*

The Use of Botulinum Toxin A Combined with Component Separation in Massive Abdominal Wall Reconstruction (AWR) with Enterocutaneous Fistulas (ECF)

Kathryn Schlosser, MD; Javier Otero, MD; Michael R. Arnold, MD; Paul D. Colavita, MD; B. Todd Heniford, MD; *From Carolinas Medical Center, Charlotte, NC*

Station 6**Transplantation and Tissue Engineering****MODERATORS:**

Cherisse D. Berry, MD, New York, NY
Roberto M. Vera, MD, Houston, TX

Is Portal Venous Pressure Modulation Still Indicated for All Recipients in Adult Living-Donor Liver Transplantation?

Siyuan Yao, MD; Toshimi Kaido, MD, PhD; Shintaro Yagi, MD, FACS; Yosuke Miyachi, MD; Ken Fukumitsu, MD, PhD; Takayuki Anazawa, MD, PhD; Naoko Kamo, PhD; Kojiro Taura, MD, PhD; Hideaki Okajima, PhD; Shinji Uemoto, MD, PhD; *From Kyoto University, Kyoto, Japan*

A Comparison of the Modified Frailty Index mFI-11 and mFI-5 in Predicting Risk of Postoperative Morbidity or Mortality in Kidney Transplant Recipients

Meredith A. Gunder, MD; Antonio Di Carlo, MD; Kwan N. Lau, MD, FACS; Sunil S. Karhadkar, MD, FACS; *From Temple University Hospital, Philadelphia, PA*

The Risk-Benefit Point of Model for End-Stage Liver Disease Score in Patients Waiting for Deceased Donor Liver Transplantation

Sena Iwamura, MD; Toshimi Kaido, MD, PhD; Yosuke Miyachi, MD; Siyuan Yao, MD; Hisaya Shirai, MD; Atsushi Kobayashi; Yuhei Hamaguchi, MD, PhD; Naoko Kamo, PhD; Shintaro Yagi, MD, FACS; Shinji Uemoto, MD, PhD; *From Kyoto University, Kyoto City, Japan*

To Multi-List or Not to Multi-List: Patient and Graft Survival Outcomes in Multi-Listed Kidney Transplant Recipients

Mary A. Decoteau, MD; Darren E. Stewart, MS; Alice E. Toll; Jamie Case, PhD; Christopher L. Marsh, MD, FACS; *From Scripps Clinic and Scripps Green Hospital, La Jolla, CA, United Network for Organ Sharing, Richmond, VA*

Impact of Vitamin D3 on Cytoskeletal Reorganization and Regulation of Adherens Junctions of Tubule Cells: Epithelial to Mesenchymal Transition and Development of Interstitial Fibrosis in Renal Allografts

B. Handan Ozdemir, MD; Fatma Nurhan Ozdemir, MD; Ebru Sebnem Ayva, MD; Eda Yilmaz Akcay, MD; Ebru H. Ayvazoglu Soy, MD; Gokce Ozdemir; Aysegul Yucel Polat, MSc; Mehmet Haberal, MD, FACS; *From Baskent University, Ankara, Turkey*

Divergent Role of Programmed Death-Ligand 1 (PD-L1) in Renal Allografts with Antibody-Mediated Rejection

B. Handan Ozdemir, MD; Eda Yilmaz Akcay, MD; Alev Atilgan, MD; Pelin Borcek, MD; Merih Tepeoglu, MD; Aysegul Yucel Polat, MSc; Isinsu Melis Deniz; Mehmet Haberal, MD, FACS; *From Baskent University, Ankara, Turkey*

Recurrent Antibody-Mediated Rejection: A Nihilistic Approach

Katie P. Carsky; Peter C. Ferrin; Colleen E. McDermott, MS; David Chernobylsky; Joseph Buell, MD; India Gaines, PharmD; Ricardo Fernandez, MSW; Mary Killackey, MD; Anil Paramesh, MD; Rubin Zhang, MD; *From Tulane University, New Orleans, LA*

A Method of Isolating and Transplanting the Hematopoietic Stem Cell with Its Microenvironment, Which Improves Functional Hematopoietic Engraftment

Mimi R. Borrelli, MD; Michael Lopez; Gunsagar Gulati; Matthew P. Murphy, MBBCh, BAO, MRCSI; Rahul Sinha, PhD; Michael T. Longaker, MD, MBA, FACS; Irving L. Weissman, MD; Aaron M. Newman, PhD; Charles K. Chan, PhD; Jan Sokol; *From Stanford University, Palo Alto, CA*

LGR5 and HOPX Stem Cell Markers Identify Divergent Stem/Progenitor Cell Strategies in Autologous vs. Pluripotent Stem Cell-Derived Tissue-Engineered Intestine

Jessica N. Brown, MD; Christopher R. Schlieve, MD; Kathryn L. Fowler, MS; Sha Huang, MS; Jason R. Spence, PhD; Tracy C. Grikscheit, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA, Saban Research Institute, Los Angeles, CA, University of Southern California, Los Angeles, CA*

Defining Optimal Immunosuppression after Kidney and Heart Transplant

Ryan J. Schutt, DO; Jonathan R. Gower, MD; Jonathan S. Fisher, MD, FACS; *From Scripps Green Hospital, La Jolla, CA, Naval Medical Center, San Diego, CA*

Risks and Benefits of the Use of Protocol Biopsies in Kidney Transplant Recipients

Devon Collins, MPH; James B. Piper, MD, FACS; Jay A. Patel; Shkala Karzai, MD; Johann Jonsson, MD, FACS; Eric J. Siskind, MD; Erica Emery, MS; Ashley Rogers; Ravinder Wali, MD; Chang Liu, PhD; *From Inova Fairfax Hospital, Falls Church, VA, Virginia Commonwealth University, Falls Church, VA*

Liver Xenografts Successfully Re-Endothelialized by Human Endothelial Cells

Wessam Hassanein, MD; Avraham Werdshheim; Nicole Shockcor, MD; E. Bryan Buckingham, MD; Parth Patel, MS; Justin Brilliant; Cinthia B. Drachenberg, MD; Rolf N. Barth, MD; John C. LaMattina, MD; *From University of Maryland, Baltimore, MD*

Engrailed1-Positive Fibroblasts May Modulate Transcription of the TGF-beta Pathway in the Transition from Scarless Healing to Scarring Phenotype

Alessandra L. Moore, MD; Clement D. Marshall, MD; Heather E. Des Jardins-Park, AB; Bryan A. Duoto; Shamik Mascharak; Leandra A. Barnes; Ryan C. Ransom; Michael S. Hu, MD, MPH, MS; H. Peter Lorenz, MD, FACS; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Pre-Transplant Microcirculatory Profile in an Ovine Model of Brain Stem Death

Michelle Tsui; Nchafatso G. Obonyo, MBChB; Ai Ching Boon, MMSc, PhD; Louise S. Hoe, PhD; Nicole J. Bartnikowski, PhD; Margaret R. Passmore; Sanne E. Pedersen; Sara D. Diab, RN; David C. McGiffin, MD; John F. Fraser, MBChB, PhD, FRCP, FFARCSI, FRCA, FCICM; *From Critical Care Research Group, Brisbane, Australia*

Adipose-Derived Stem Cells Differ Significantly Due to Donor Variability and Medical History

Raman Mehrzad, MD, MHL; Adrienne M. Parsons, Sc.M; Elizabeth Kiwanuka, MD, PhD; Eric M. Darling, PhD; Vikram G. Mookerejee; Paul Y. Liu, MD, FACS; *From Brown University, Providence, RI*

SF115 | 2:30-4:00 PM

e-Poster Rounds II

LOCATION: 253ABC

Station 1

Health Services Research

MODERATOR:

David S. Lind, MD, FACS, *Jacksonville, FL*

Impact of Non-Hospital Owned Ambulatory Surgery Centers on Rates of Tonsillectomy and Adenoidectomy in Children

Jennifer N. Cooper, PhD; Amanda J. Onwuka, MPH, PhD; Charles A. Elmaraghy, MD, FACS; *From Nationwide Children's Hospital, Columbus, OH*

Impact of Patients' Primary Language on Stage of Cancer at Diagnosis

Mariya E. Skube, MD, MPH; Bruce H. Alexander, PhD; Greg Beilman, MD; Todd M. Tuttle, MD, FACS; *From University of Minnesota, Minneapolis, MN*

Standardizing Discharge Plans for Colorectal Surgery Patients to Reduce Readmissions: Can One Plan Target Everyone?

Stephanie Lumpkin, MD; Paula D. Strassle, MSPH; Nicole Chaumont, MD; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Payor Mix Influences Outcomes after Cardiac Surgery

David L. Joyce, MD, FACS; Raphael Parrado, MD; Brian D. Lahr, MS; Lyle D. Joyce, MD, PhD; *From Mayo Clinic, Rochester, MN*

Patients' Perspective on Surgical Readmissions

Samantha Baker, MD; Ashley Titan, MD; Laura Graham, PhD; Elise A. Dasinger, PharmD; Joshua S. Richman, MD, PhD; Laurel A. Copeland, PhD; Edith Burns, MD; Jeffrey Whittle, MD; Mary T. Hawn, MD, FACS; Melanie S. Morris, MD; *From VA Birmingham Healthcare System, Birmingham, AL, University of Alabama at Birmingham, Birmingham, AL, VA Palo Alto Healthcare System, Palo Alto, CA*

Online Resources for the Hemodialysis Patient: The Elephant in the Room

Tracy Cheun, MD; Mark G. Davies, MB, MD, PhD, FACS; *From UT Health San Antonio, San Antonio, TX*

Health Care Disparities Limit Access to Surgical Care in Patients with Potentially Resectable Gastric Cancer

Katherine D. Gray, MD; Timothy M. Ullmann, MD; Brendan M. Finnerty, MD; Cheguevara Afaneh, MD, FACS; Thomas J. Fahey III, MD, FACS; Rasa Zarnegar, MD, FACS; Toni Beninato, MD; *From New York Presbyterian Hospital - Weill Cornell Medicine, New York, NY*

Impact of a Novel Component Separation Technique for Abdominal Wall Hernia Repair on Practice Patterns and Patient Outcomes

John R. Montgomery, MD; James Henderson, PhD; Justin B. Dimick, MD, MPH; Dana A. Telem, MD, FACS; *From University of Michigan, Ann Arbor, MI*

How Does Practice Setting Affect Surgeon Attitudes Toward Cost Savings?

Joshua Herb, MD; Rebecca Brown, MD; Karyn B. Stitzenberg, MD, FACS; *From University of North Carolina Chapel Hill, Chapel Hill, NC, WakeMed Health and Hospitals, Raleigh, NC*

It Doesn't Just Happen to Other People: An Exploration of Occupation and Education Level of Women Who Die from Intimate Partner Violence

Heather Carmichael, MD; Lauren Steward, MD; Catherine G. Velopoulos, MD, MHS, FACS; *From University of Colorado, Aurora, CO*

Evaluating Postoperative Opioid Use following Radical Cystectomy

Kathryn E. Hacker, MD, PhD; Jae Jung; John L. Graves; Hannah E. Cook; Peggy McNaull, MD; Brooke A. Chidgey, MD; Jami Mann, PharmD, MBA; Matthew E. Nielsen, MD, MS, FACS; Angela B. Smith, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Postoperative Opioid Prescribing in Urology: Are We Contributing to the National Crisis?

Kathryn E. Hacker, MD, PhD; Jae Jung; John L. Graves; Hannah E. Cook; Peggy McNaull, MD; Brooke A. Chidgey, MD; Jami Mann, PharmD, MBA; Angela B. Smith, MD, FACS; Matthew E. Nielsen, MD, MS, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Errors and Adverse Events in the Setting of Neonatal Surgery Performed in the Neonatal Intensive Care Unit

Marisa A. Bartz-Kurycki, MD; Kathryn T. Anderson, MD, MPH, MS; Dean H. Pham, MPH; Nutan B. Hebballi, BDS, MPH, PMP; Eric J. Thomas, MD, MPH; Maria E. Matuszczak, MD; Eric C. Eichenwald, MD; Lillian S. Kao, MD, MS, FACS; Kevin P. Lally, MD, FACS; Kuo Jen Tsao, MD, FACS; *From University of Texas Health, Houston, TX, Children's Memorial Hermann Hospital, Houston, TX, Center for Surgical Trials and Evidence-Based Practice, Houston, TX*

Outcomes of Emergency General Surgery in Patients with Solid Organ and Liquid Cancers

Catherine E. Sharoky, MD; Morgan M. Sellers, MD; Andrew J. Sinnamon, MD; Christopher J. Wirtalla; Giorgos C. Karakousis, MD, FACS; Daniel N. Holena, MD, MSCE; Rachel R. Kelz, MD, MSCE, FACS; *From University of Pennsylvania, Philadelphia, PA*

Optimal Allocation of Robotic Surgery Resources in Thoracic Surgery

Toby P. Keeney-Bonthrone; Kenneth L. Abbott, MS; Armani M. Hawes; Andrew C. Chang, MD; Jules Lin, MD; William R. Lynch, MD; Philip W. Carrott, MD; Kiran H. Lagisetty, MD; Mark B. Orringer, MD, FACS; Rishindra M. Reddy, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Station 2**Trauma****MODERATORS:**

Randy J. Woods, MD, FACS, *Dayton, OH*
Helen T. Davido, MD, *Brooklyn, NY*

The Impact of Alcohol and Illicit Drug Usage on Trauma Morbidity: A Review of Michigan Data

Edmund M. Grady, MD; Richard D. Hayward, PhD; Elango Edhayan, MBBS, FACS; *From St. John Hospital and Medical Center, Detroit, MI*

The Impact of Psychiatric Disease on Trauma Morbidity: A Review of Michigan Data

Jennifer M. Brady, MD; Richard D. Hayward, PhD; Elango Edhayan, MBBS, FACS; *From St. John Hospital and Medical Center, Detroit, MI*

The Effect of Malnutrition in Polytrauma Patients: A Systematic Review

Suzan Dijkink, MD; Karien Meier, MSc; Pieta P. Krijnen, PhD; Daniel D. Yeh, MD; George C. Velmahos, MD, PhD; Inger B. Schipper, MD, PhD, FACS; *From Leiden University Medical Center, Leiden, Netherlands, University of Miami/Ryder Trauma Center, Miami, FL, Massachusetts General Hospital, Boston, MA*

Complications Associated with Groin Access after the Use of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in Trauma Patients: Lower Than You Might Think

Ramiro Manzano Nunez, MD; Claudia P. Orlas, MD; Juan P. Herrera-Escobar, MD; Michael W. Parra, MD; Joseph J. DuBose, MD, FACS; Juan Ruiz-Yucuma; Samuel M. Galvagno, MD, PhD; Juan J. Meléndez Lugo, MD; Camilo Peña, MD; Carlos A. Ordoñez, MD, FACS; *From Fundacion Valle del Lili, Cali, Colombia*

Less Is More: Adjusted Indices of Shock Do Not Improve Predictive Capability

Jason M. Samuels, MD; Ernest E. Moore, MD, FACS; Julia R. Coleman, MD, MPH; Anirban Banerjee, PhD; Christopher C. Silliman, MD, PhD; Arsen Ghasabyan, MPH; James G. Chandler; Angela Sauaia, MD, PhD; *From University of Colorado Denver, Aurora, CO*

Cannabinoids Use Is Associated with Improved Outcomes in Traumatic Brain Injury

Angela Wu; Muhammad N. Khan, MD; Narong Kulvatunyou, MD, FACS; Mohammad Hamidi, MD; Lynn M. Gries, MD; El Rasheid Zakaria, MD, PhD; Faisal Jehan, MD; Terence O'Keeffe, MBChB, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Trauma and Acute Care Surgery Providers Are Confident and Comfortable Prescribing Opiates for Acute, but Not Chronic, Pain: Prescription Drug Monitoring Programs Do Not Help

Eugene F. Reilly, MD; Amanda McNicholas, CRNP; *From Reading Hospital, West Reading, PA*

Adolescent Firearm Injury in an Adult Trauma Center

Lindsay F. Arnold, MD; David S. Foley, MD; Amirreza T. Motameni, MD; Matthew Bozeman, MD; Brian G. Harbrecht, MD; Matthew Benms, MD; Keith Miller, MD; Nicholas A. Nash, MD; Franklin A. Glen, MD; *From University of Louisville, Louisville, KY*

Longitudinal Assessment of Laypersons Empowerment before and after Hemorrhage Control Training

Justin C. McCarty, DO; Juan P. Herrera-Escobar, MD; Muhammad A. Chaudhary, MD; Zain G. Hashmi, MD; Scott A. Goldberg, MD, MPH; Adil H. Haider, MD, MPH; Edward J. Caterson, MD, PhD; Eric Goralnick, MD, MS; *From Brigham and Women's Hospital, Boston, MA*

Age Shock Index: A Reliable Predictor of Mortality in Geriatric Trauma Patients

Ansab A. Haider, MD; Jorge Con, MD, FACS; Seungwhan Pee, MD; Kartik Prabhakaran, MD, MHS, FACS; Matthew Bronstein, MD; David J. Samson, MS; Leandra S. Krowsoski, MD; Patrice Anderson, MD; Gary G. Lombardo, MD, FACS; Rifat Latifi, MD, FACS; *From Westchester Medical Center, Valhalla, NY*

An Assessment of the 2012 Trauma Triage Recommendations

Samuel Kingsley, MD; James Boron, MD; Kristina Z. Kramer, MD; *From Advocate Illinois Masonic Medical Center, Chicago, IL, Cook County Hospital, Chicago, IL*

Bicyclists Injured by Automobiles in the Age of Bicycle Ride-Share Programs

Amory C. de Roulet, MD, MPH; Ilan I. Maizlin, MD, MSPH; Leslie N. Kim, MD; Sarah Stankiewicz; Jason M. Sample, MD; Pierre F. Saldinger, MD; *From New York Presbyterian Queens, Flushing, NY*

Overnight Intubation in Glasgow Coma Scale Depressed Trauma Patients: Are We Helping or Harming?

Amory C. de Roulet, MD, MPH; Ilan I. Maizlin, MD, MSPH; Ricardo A. Jacquez, MD; Mary Ellen Zimmerman, RN; Michael Coomaraswamy, MD; Daniel J. Hagler, MD; Miroslav Kopp, DO; Pierre F. Saldinger, MD; Jason M. Sample, MD; *From New York Presbyterian Queens, Flushing, NY*

Impact of Alcohol on Seizures and Mortality after Isolated Blunt Traumatic Brain Injury

Zachary D. Warriner, MD; Jennie S. Kim, MD; Subarna Biswas, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS; *From Los Angeles County + University of Southern California, Los Angeles, CA*

Correlation of Rapid Thromboelastography Values with TBSA and Predictive Value for Mortality in Burn-Induced Coagulopathy

Robert L. Ball, MD; Melissa M. McLawhorn, RN; Ahmad Zeineddin, MD; Jennifer L. Paul; Anna Day; Kyle W. Monger; Thomas Orfeo, PhD; Kathleen E. Brummel-Ziedins, PhD; Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD; *From MedStar Health Research Institute, Washington, DC, MedStar Washington Hospital Center, Washington, DC, University of Vermont, Colchester, VT*

Station 3**Vascular Surgery**

MODERATORS:

Marcus E. Semel, MD, *Needham, MA*

Chick Embryos Exposure to Cigarette Smoke Alters Expression of Fibronectin, Integrin Alpha (ITGA), Beta Actin, and Glyceraldehyde 3-Phosphate Dehydrogenase (GAPD-H)

Shivani Thakur; Anjani K. Thakur, MD, FACS; *From California State University at Stanislaus, Turlock, CA, Harvard University, Boston, MA*

Thrombospondins Regulate A Disintegrin and Metalloproteinase with Thrombospondin Motifs (ADAMTS) Gene and Protein Expression by Vascular Smooth Muscle Cells

Mohammed M. Kassem, MD; Furqan Muqri, MD; Alex Helkin, MD; Kristopher G. Maier, PhD; Vivian Gahtan, MD, FACS; *From SUNY Upstate Medical University, Syracuse, NY, Department of Veterans Affairs Healthcare Network Upstate, Syracuse, NY*

Smoking Intensity and Major Adverse Limb Events Following Infrainguinal Bypass for Symptomatic Peripheral Artery Disease

Corey A. Kalbaugh, PhD; Jessica C. Young, MSPH; Nicole J. Paul, MD, MS; Katharine L. McGinagle, MD, MPH; Jason Crowner, MD; Luigi Pascarella, MD; Mark A. Farber, MD; Melina R. Kibbe, MD, FACS, FAHA; William A. Marston, MD; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Extreme Obesity Increases the Risk of Inferior Vena Cava Filter Angulation during Placement

Marta Vismer, MD; Allan M. Conway, MD; Laurie Mondry, RN; Guillaume Stoffels, MS, MA; Gary Giangola, MD; Alfio Carroccio, MD; *From Lenox Hill Hospital, New York, NY*

Near-National Estimates of Disparities in Outcomes from Carotid Endarterectomy between Hispanics and Other Race/Ethnic Groups

Vardan Papoian, MD, MPH; Jennifer E. Rosen, MD, FACS; Meng-Yun Lin, PhD; Nancy R. Kressin, PhD; Michael K. Paasche-Orlow, MD, MA, MPH; Steven D. Abramowitz, MD; Eun Ji Kim, MD; Souvik Banerjee, PhD; Lenny Lopez, MD, MPH, MDiv; Amresh D. Hanchate, PhD; *From MedStar Washington Hospital Center, Washington, DC, Boston University, Boston, MA*

Survival Impact of Acute Kidney Injury in Aortic Surgery Patients Receiving Temporary Abdominal Closure after Repeat Laparotomy

Suniah S. Ayub, MD, MPH; Tyler J. Loftus, MD; Salvatore T. Scali, MD, FACS; Scott C. Brakenridge, MD, FACS; Kristina A. Giles, MD; *From University of Florida, Gainesville, FL*

Chronic Anti-Platelet or Anti-Coagulant Therapy Does Not Increase Graft Failure after Split Thickness Skin Grafting

Elliot Walters, MD; Shyamin Mehra; Iram Naz, MD; Tammer Elmarsafi, DPM, MBBCh; Karen Evans, MD; John Steinberg, DPM; Christopher E. Attinger, MD; Paul J. Kim, DPM, MS; *From MedStar Georgetown University Hospital, Washington, DC*

National Trends in Lower Extremity Pseudoaneurysm within the Drug Abuse Population

David N. Blitzer, MD; Matthew Kelley, MD; Raghuveer Vallabhaneni, MD; *From MedStar Health, Baltimore, MD*

Incidence and Management of Bowel Ischemia after Revascularization of Acute Aortic Occlusions

Karim M. Salem, MD; Abhisekh Mohapatra, MD; Emade Jaman; Darve A. Robinson; Michel S. Makaroun, MD, FACS; Mohammad H. Eslami, MD, MPH; Efthymios Avgerinos, MD; *From University of Pittsburgh, Pittsburgh, PA*

Operative Management of Non-Iatrogenic Pediatric and Adolescence Peripheral Arterial Trauma: An Experience from a Resource-Challenged Setting

Ahmed Mousa, MD, FACS, FRCS; Ossama M. Zakaria, MD, FRCS; Tamer A. Sultan, MD; Amr M. El-Gibaly, MD; Ibrahim Hanbal, MD; Emad Hokkam, MD; Mohamed Yasser Ibrahim Daoud, MD, MSc, FRCS, FICS, FACS; Haytham Al-Arfaj, MD; Foad Sadek, MD; Mohamed A. Farham, MD; *From Al-Azhar University, Cairo, Egypt, Suez Canal University, Ismailia, Egypt, Dammam University Hospital, Dammam, Saudi Arabia*

Snuffbox Arteriovenous Fistulas Have Similar Outcomes and Patency to Wrist Arteriovenous Fistulas

Jeffrey J. Siracuse, MD, FACS; Thomas W. Cheng, MS; Karen Woo, MD, FACS; Mahmoud Malas, MD, MHS, FACS; Douglas W. Jones, MD; Jeffrey A. Kalish, MD, FACS; Denis Rybin, PhD; Gheorghe Doros, PhD; Alik Farber, MD; *From Boston University, Boston, MA*

Station 4

Bariatric/Foregut, General Surgery, Geriatric Surgery and Palliative Care, Plastic and Maxillofacial Surgery

MODERATORS:

Shanu N. Kothari, MD, FACS, *La Crosse, WI*
Sheila K. Partridge, MD, FACS, *Newton, MA*

Rates of Incisional Hernia Repair among Patients with Prior Nissen Fundoplication and Paraesophageal Hernia Repair

Catherine C. Beauharnais, MPH; Salvatore Docimo, DO; Jie Yang, PhD; Donglei Yin, MS; Aurora D. Pryor, MD, FACS; *From SUNY Stony Brook, Stony Brook, NY*

The Bimodal Effect of Body Mass Index on Complications, Mortality, and Failure to Rescue after Emergency General Surgery in Geriatrics

Bardiya Zangbar, MD; Leon Boudourakis, MD; Natalya Chernichenko, MD, FACS; Daniel J. Gross, MD; Tim Schwartz, DO; Valery Roudnitsky, MD; Rainer W.G. Gruessner, MD; *From SUNY Downstate Medical Center, Brooklyn, NY, Kings County Hospital Center, Brooklyn, NY, New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY*

Treatment of Incidental Port Site Hernia during Abdominoplasty in the Post-Bariatric Massive Weight Loss Patients

Anant Dinesh, MD; Adam S. Levy, MD; Leaque Ahmed, MB, BS, FACS; Ryan Engdahl, MD; *From Harlem Hospital Center, Columbia University, New York, NY*

Long-Term Weight and Metabolic Outcomes after Laparoscopic Sleeve Gastrectomy in a Monocentric Series

James R. Casella Mariolo, MD; Lidia Castagneto Gissey, MD; Giovanni Casella; *From Sapienza University of Rome, Rome, Italy*

How to Predict the Severity of Nonalcoholic Steatohepatitis in Obese Patients Undergoing Bariatric Surgery?

César Rázuri, MD; Gabriel De la Cruz-Ku, MD; Maria Lujan, MS; Renato Luque, MD; Paola Dongo, MD; Oscar G. Salinas Sedó, MD; *From Clínica Avendaño, Lima, Peru*

Persistently Elevated Serum Lactate Levels 48 Hours Postoperatively Predict Increased Complications after Esophagectomy

Guillaume S. Chevrollier, MD; Madeline C. Rosato; Brian G. Zilberman; Danica N. Giugliano, MD; Mona Taleb, MD, PhD; Francesco Palazzo, MD; Nathaniel R. Evans III, MD, FACS; Karen A. Chojnacki, MD, FACS; Adam C. Berger, MD, FACS; Ernest L. Rosato, MD, FACS; *From Thomas Jefferson University Hospital, Philadelphia, PA*

Virginia Is Not Switzerland: Challenging the External Validity of the European Randomized Controlled Trials Comparing Laparoscopic Gastric Bypass and Sleeve Gastrectomy

Guilherme S. Mazzini, MD; Jad Khoraki, MD; Matthew G. Browning, MS; Luke G. Wolfe, MS; Gretchen R. Aquilina, DO; Jennifer Salluzzo, MD; Richard R. Gurski, MD, PhD; Guilherme M. Campos, MD, FACS, FASMBS; *From Virginia Commonwealth University, Richmond, VA, Federal University of Rio Grande do Sul, Porto Alegre, Brazil*

Magnetic Sphincter Augmentation for Gastroesophageal Reflux Disease after Failed Anti-Reflux Procedure

Kimberly A. Shemanski, MD; Evan T. Alicuben, MD; Jamil S. Samaan; Nikolai A. Bildzukewicz, MD, FACS; Kamran Samakkar, MD; Adrian Dobrowolsky, MD; Jeffrey Y. Liu; Caitlin C. Houghton, MD; Kulmeet Sandhu, MD, FACS, FASMBS; John C. Lipham, MD; *From University of Southern California, Los Angeles, CA*

Effects of Tobacco Smoking on Weight Loss after Sleeve Gastrectomy

Maria C. Fonseca, MD; Cristian Milla-Matute, MD; David Gutierrez Blanco, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *From Cleveland Clinic Florida, Weston, FL*

Patient Engagement Platform and Postoperative Care in Bariatric Surgery Patients

Matthew Romine, MD; Joann Clough, RN, MAOM; Richard D. Stahl, MD, FACS; Jayleen Grams, MD; Abhishek D. Parmar, MD; *From University of Alabama at Birmingham, Birmingham, AL*

Preoperative Weight Loss (POWL) as a Predictor of Percentage Excess Weight Loss (Percent EWL) after Bariatric Surgery

Mario A. Masrur, MD; Luis F. Gonzalez Ciccarelli, MD; Roberto Bustos, MD; Ronak A. Patel; Kirstie K. Danielson, PhD; Lisa Sanchez-Johnsen, PhD; Antonio Gangemi, MD, FACS; Fernando Elli, MD, FACS; *From University of Illinois, Chicago, IL*

30-Day Adverse Outcomes after Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass May Be Increased in the National Expanded Body-Mass Index Criteria Cohort

Eric S. Wise, MD; Hossam Abdou, MD; Syed Nabeel Zafar, MD, MPH; Mark D. Kligman, MD; *From University of Maryland Medical Center, Baltimore, MD*

Short-Term Multi-Organ and Metabolic Benefits of Rapid Weight Loss on Severely Obese Patients after Laparoscopic Sleeve Gastrectomy

David Gutierrez Blanco, MD; David Romero Funes, MD; Mauricio F. Sarmiento-Cobos, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *From Cleveland Clinic Florida, Weston, FL*

Taste Perception after Bariatric Surgery: A Systematic Review of Alteration Pattern

Saeed Shoar, MD; Catherine Wong, RD; Nasrin Shoar, MD; Habibollah Mahmoodzadeh, MD; *From Tehran University of Medical Sciences, Tehran, Iran*

Station 5

Military, Vascular Surgery

MODERATORS:

Ramyar Gilani, MD, FACS, *Houston, TX*
Lillian F. Liao, MD, FACS, *San Antonio, TX*

The Impact of Age on the Accuracy of Predicted Operative Mortality for Primary Rectal Cancer

Vanita Ahuja, MD, FACS; Joshua Wolf, MD; David Blumberg, MD; Christopher R. D'Adamo, PhD; Mark R. Katlic, MD, MMM, FACS; JoAnn Coleman, DNP, ACNP, AOCN, GCN; *From Sinai Hospital of Baltimore, Baltimore, MD, Johns Hopkins Hospital, Baltimore, MD, University of Maryland, Baltimore, MD*

Development of a Manual for a Customizable, Low-Tech, High-Fidelity Simulation Training Program to Prepare Civilian Hospitals for Mass Casualty Incidents

Richard Hilsden, MD; Vivian C. McAlister, MB, FACS; *From University of Western Ontario, London, ON, Royal Canadian Medical Service, London, ON*

Association between Surgical Volume and Discretionary Orthopaedic Surgery Outcomes in Military Hospitals

Muhammad A. Chaudhary, MD; Justin C. McCarty, DO; Adele Levine, MPH; Tracey Koehlmoos, PhD, MHA; Adil H. Haider, MD, MPH; Andrew J. Schoenfeld, MD, MSc; *From Uniformed Services University of Health Sciences, Bethesda, MD, Brigham and Women's Hospitals/Harvard Medical School, Boston, MA*

An Adaptation of the Broselow Tape: Approximation of Pediatric Morphometry for Resuscitative Endovascular Balloon Occlusion of the Aorta

Erik S. DeSoucy, DO; Francois Trappey, MD; Andrew Wishy, DO; Meryl A. Simon, MD; Anders J. Davidson, MD, MAS; Joseph J. DuBose, MD, FACS; Michael A. Johnson, MD, PhD; Timothy K. Williams, MD; Jacob T. Stephenson, MD; *From University of California Davis Medical Center, Sacramento, CA, David Grant Medical Center, Travis Air Force Base, CA*

Surgical Safety Issues during an Electronic Health Record Transition

Margaret E. Gallagher, MD; Megan M. Shroder; Gretchen P. Jackson, MD, PhD; *From Vanderbilt University Medical Center, Nashville, TN*

Results in Prophylactic Appendectomy Prior to a Military Antarctic Expedition

Tamara N. Almada, MD, FACS, MAAC; Eliana Gisela Cilla, MD; Joaquin Silva, MD; Matias Miguel Ciavarelli, MD; Javier L. Rossi, MD; Santiago M. Peso, MD, MAAC; *From Hospital Militar Central -H Grl 601-Cir My Dr Cosme Argerich, Buenos Aires, Argentina*

Morphologic Characteristics of Symptomatic Varicose Veins: Possible Role of Disordered Collagen and Endothelial Cells

Shivani Thakur; Anjani K. Thakur, MD, FACS; *From Harvard University, Boston, MA, Touro University, Turlock, CA*

Fabrication of Functional Biomimetic Vascular Scaffolds for Use in Renal Tissue Constructs

Jennifer Huling, PhD; Sang Il Min, MD; In Kap Ko, PhD; John Jackson, PhD; Anthony Atala, MD, FACS; James Yoo, MD, PhD; *From Wake Forest School of Medicine, Winston-Salem, NC*

Disparities as Predictors of Non-Healing in Lower Extremity Wounds

Elizabeth L. George, MD; Karen Trang; Anahita Dua, MD, MS, MBA; Jeanie D. Parsley, PT, DPT, CWS, FACHE; Robert Robertson, RN; Eri Fukaya, MD; Subhro K. Sen, MD; Geoffrey C. Gurtner, MD, FACS; Venita Chandra, MD; *From Stanford University Medical Center, Stanford, CA*

Cryoanalgesia Improves Outcomes after Descending and Thoracoabdominal Aortic Aneurysm Repairs

Akiko Tanaka, MD, PhD; Zain Alrstum, MD; Charles C. Miller, PhD; Harleen K. Sandhu, MD, MPH; Hazim J. Safi, MD, FACS; Anthony L. Estrera, MD; *From UTHealth, Houston, TX*

Transcatheter Thrombolysis Can Reverse Early Bowel Necrosis to Delayed Intestine Stricture in Acute Mesenteric Venous Thrombosis

Sun ShiLong, MD; Xie Tian, MD; Wang Xinyu, MD; *From Intestinal Stroke Center, Nanjing, China*

Assessment of Rat Arteriovenous Fistulae in a Novel Branched Bioreactor

Shirley Liu, MD; Mehmet H. Kural, PhD; Hualong Bai, MD; Laura E. Niklason, MD, PhD; Alan Dardik, MD, PhD, FACS; *From Yale University, New Haven, CT*

Prophylactic Prosthetic Wrapping for Vascular Anastomosis in Patients with Behçet's Aortic Aneurysm: An Experience from Resource Challenged Setting

Ahmed Mousa, MD, FACS, FRCS; Ibrahim Hanbal, MD; Mohamed Y. Zakaria, MD; Mohamed Hamza, MD; Alaa Sharabi, MD; Mahsoub M. Amin, MD; Mohamed A. El-Rahman, MD; Mohammed A. Nasr, MD; Abdelfattah K. Nassar, MD; Ossama M. Zakaria, MD, PhD, FACS; *From Al-Azhar University, Cairo, Egypt*

Development of Postoperative Pneumonia after EVAR Is Associated with an Increased Length of Intensive Care Unit Stay

Cam Dung Le; Erik Lehman, MS; Faisal Aziz, MB, BS, FACS; *From Penn State University, Hershey, PA*

Station 6**Global Surgery/Humanitarian Outreach, Vascular Surgery**

MODERATOR:

Gita N. Mody, MD, *Chapel Hill, NC*

Revascularization Potential in Diabetic Patients Undergoing Major Lower Extremity Amputation

Linda J. Wang, MD, MBA; Gregory Tsougranis; Adam Tanious, MD, MMSc; Emel Ergul, MA; W. Darrin Clouse, MD; Mark F. Conrad, MD, FACS; *From Massachusetts General Hospital, Boston, MA*

Radial Artery Access for Peripheral Endovascular Interventions: A Safe, Feasible, and Versatile Approach

Ali Khalifeh, MD; Joseph C. Noggle, MD; Christine Owen, CRNP; Justin Nelms, MD; *From University of Maryland Medical Center, Baltimore, MD*

Development of Lower Extremity Ischemia after Open Abdominal Aortic Aneurysm Repair Is Associated with Higher Mortality

Faisal Aziz, MB, BS, FACS; *From Penn State University, Hershey, PA*

The Application of Virtual Reality in Patient Education

Vivek Pandrangi; Brandon Gaston; Nital P. Appelbaum, PhD; Francisco C. Albuquerque, Jr., MD; Mark M. Levy, MD, RVT; Robert Larson, MD, RVT, FACS; *From Virginia Commonwealth University School of Medicine, Richmond, VA*

The Challenges of General Surgery Residency Training for Female Residents in the U.S. vs. Ethiopia

Freda Ready, MD; Hanna Getachew, MD; Abier A. Abdelnaby, MD; *From Addis Ababa University, Addis Ababa, Ethiopia, University of Texas Southwestern, Dallas, TX*

Are Appendicitis and Abscesses Third-Level Hospital Diseases? The Distribution of Surgical Services in South Africa

Kathryn M. Chu, MD, FACS, FAC, RS; Eugenio E. Panieri, MBChB, FCS; Elke Wynberg, MBBS; Christo JC Kloppers, MBChB, MMed, MPhil; Juan Klopper, MBChB, MMED; Anthony Reed, MBChB, FRCA, MMed; *From University of Cape Town, Cape Town, South Africa*

Access to Surgical Care in Rural Ecuador and the Role of Cinterandes Mobile Surgery in Addressing Barriers and Delays: A Qualitative and Biosocial Research Analysis

Martha P. Vega, MD, MMSc; Molly F. Franke, ScD; Robert Riviello, MD, MPH; Hannah N. Gilbert, PhD; *From Harvard Medical School, Boston, MA, Cinterandes Foundation, Cuenca, Ecuador*

Bridging the Gap: Understanding the Potential of Social Media for Support of Medical Student Education in Resource-Limited Settings

Maziar M. Nourian; Caroline Q. Stephens; Phillip Mshelbwala, MD; Futao Li; Emmanuel A. Ameh, MB, BS, FWACS; Sanjay Krishnaswami, MD, FACS; *From University of Utah School of Medicine, Salt Lake City, UT, Oregon Health & Science University, Portland, OR, University of Abuja, Abuja, Nigeria*

Boda Bodas: An Emerging and Neglected Public Health Crisis

Katherine Albutt, MD, MPH; Emma C. Svensson; Deo Darius Balumuka, MBChB, MMed; Peter Kayima, MMed; Samuel Shikaro, MMed; Joseph NJ Ngonzi, MBChB, MMed; Stephen Ttendo, MBChB; Paul G. Firth, MBChB; Deepika Nehra, MD; *From Massachusetts General Hospital, Boston, MA, Mbarara University of Science and Technology, Mbarara, Uganda, Harvard University Program in Global Surgery & Social Change, Boston, MA*

Capacity Building: Provision of Pediatric Surgery in Southern Haiti

Jacques Peterson Thosiac, MD; Alexis Bowder, MD; Mallory K. Wilson; Luther E. Ward, MD, FACS; Rolvix H. Patterson; Sabina Siddiqui, MD; Christopher Dodgion, MD, MSPH, MBA; Michelson Padovany, MD; *From St. Boniface Haiti Foundation, Fond Des Blanc, Haiti*

Introduction of Acute Care Surgery Services at a Referral Hospital in Rwanda

Egide A.E. Abahuje, MD; Isaie Sibomana, MD; Robert Munyaneza, MD; Jennifer Rickard, MD; *From University Teaching Hospital of Kigali, Kigali, Rwanda, University of Rwanda, Kigali, Rwanda*

Surgical Repair of Cleft Lip and Palate in the North Kivu Province of Eastern Democratic Republic of Congo

Sarah B. Cairo, MD, MPH; Bake F. Jacques, MD; Bake Elisee; Kavira Nyavandu, MD; Robert Perry, MD; David H. Rothstein, MD, MS, FACS, FAAP, MD, MS, FACS; Luc Malemo Kalisya, MD, MMS; *From HEAL Africa Hospital, Goma, Congo, John R. Oishei Children's Hospital, Buffalo, NY*

Factors Contributing to Wait Times for Surgery at a Large, Public Hospital in Lima, Peru

Katherine R. Iverson, MD, MPH; Lina Roa, MD; Milagros Wong; Cole Graham; Paloma Zavala; Leonid Lecca, MD, MSc; Segundo R. Leon, MPH; Jorge Colina, MD; Gita N. Mody, MD, MPH; *From Harvard Program in Global Surgery and Social Change, Boston, MA, Brigham & Women's Hospital, Boston, MA, Socios En Salud, Lima, Peru*

Trauma Registries in Low- and Middle-Income Countries: Current Models

Jordan S. Pyda, MD; Maunil N. Bhatt, MD; Kristin A. Sonderman, MD, MPH; Brittany L. Powell; Rachel Koch, MD; Sabrina E. Sanchez, MD, MPH; Salim Afshar, DMD, MD; Frederick T. Drake, MD, MPH; *From Harvard Medical School, Boston, MA, Boston Medical Center, Boston, MA*

Breast Cancer in Rural Sub-Saharan Africa: Why Very Few Survive

Paddy Sentongo, MD, MPH; John S. Oh, MD, FACS; Forster Amponsah-Manu, MD, FGCS; Mark Egan, MBChB, FRC-Path, DMJ; Abdul B. Sani, MBChB; Ijeoma Aja, MBChB; Richard Oforu-Akromah, MBChB; Emmanuel Ofori, MBChB; David I. Soybel, MD, FACS; Daleela G. Dodge, MD, FACS; *From Eastern Regional Hospital, Koforidua, Ghana, Pennsylvania State University, Hershey, PA*

Tuesday, October 23

SF213 | 9:45-11:15 AM

e-Poster Rounds III

LOCATION: 253ABC

Station 1

Cardiac Surgery, Thoracic Surgery

MODERATORS:

Afshin Ehsan, MD, FACS, *Newton, MA*
Tsuyoshi Kaneko, MD, FACS, *Boston, MA*

Potential Benefits of Social Media Applications in Patients with Congenital Heart Disease

Rodrigo Zea-Vera, MD; Martin A. Chacon-Portillo, MD; Luis E. De León, MD; Carlos M. Mery, MD, MPH, FACS; Jeffrey S. Heinle, MD, FACS; Iki Adachi, MD; Ziyad M. Binsalamah, MD, MSc; Michiaki Imamura, MD; Charles D. Fraser, Jr., MD; *From Texas Children's Hospital, Houston, TX, Baylor College of Medicine, Houston, TX*

The Native Coronary Arterial Blood Flow Affects the Coronary Arterial Bypass Graft Evaluated by Near-Infrared Fluorescence Angiography

Masaki Yamamoto, MD, PhD; Hitoshi Ninomiya, PhD; Miwa Tashiro, MD; Nibuyuki Hirota, MD, PhD; Takayuki Sato, MD, PhD; Kazumasa Orihashi, MD, PhD; Hanazaki Kazuhiro, MD, PhD; *From Kochi Medical School, Kochi University, Nan-koku, Japan*

Does It Matter Where and When They Come From? Increased Disposition to Rehabilitative Services Following Transcatheter Aortic Valve Replacement

Sameer A. Hirji, MD; Rohan M. Shah; Lily V. Saadat, MD; Marc P. Pelletier, MD; Simon Body, MD; Tsuyoshi Kaneko, MD; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Heart Transplantation in Women: Menopause Improves Survival Outcome

Ashley E. Morgan, MD; Elizabeth N. Dewey, MS; Howard K. Song, MD, FACS; Frederick A. Tibayan, MD; Castigliano M. Bhamidipati, DO, PhD, MSc; *From Oregon Health and Science University, Portland, OR*

Risk-Adjusted Costs Analysis of a Multi-Center Video-Assisted Thoracoscopic Lobectomy Activity

Luca Bertolaccini, MD, PhD, FCCP; Roberto Crisci; Duilio Divisi, MD; Benedetta Bedetti, MD; Lidia Libretti, MD; Davide Patrini, MD; Fabrizio Minervini, MD, PhD; Marco Scarci, MD, FRCS, FCCP; *From Maggiore Teaching Hospital, Bologna, Italy, University of L'Aquila, Teramo, Italy, San Gerardo Teaching Hospital, Monza, Italy*

Percutaneous Endoscopic Gastrostomy Following Cardiac Surgery: A Temporary Measure in a High-Risk Cohort

Jared P. Beller, MD; William Z. Chancellor, MD; Elizabeth D. Krebs, MD; James H. Mehaffey, MD, MSc; Robert B. Hawkins, Jr., MD, MSc; Nicholas R. Teman, MD; Gorav Ailawadi, MD; Leora T. Yarboro, MD; *From University of Virginia, Charlottesville, VA*

Primary Salivary Gland-Type Tumors of the Lung: A Comparative Analysis of Mucoepidermoid and Adenoid Cystic Carcinomas

Aitua Salami, MD, MPH; Abbas E. Abbas, MB BCh, FACS; Roman Petrov, MD, PhD; Charles T. Bakhos, MD, MS; *From Albert Einstein Medical Center, Philadelphia, PA, Temple University Hospital, Philadelphia, PA*

Comparison of Surgical Mortality, Cost, and Length of Stay for Patients with Carcinoid vs. Non-Carcinoid Lung Cancers

Ali Darehzereshki, MD; Gregory B. Burgoyne, MD, FACS; Richard F. Heitmiller II, MD, FACS; *From MedStar Union Memorial Hospital, Baltimore, MD*

Predictors of Operative Mortality in Cardiac Surgery Patients with Prolonged Ventilation

Alejandro Suarez-Pierre, MD; Charles D. Fraser, MD; Xun Zhou, MD; Cecilia Lui, MD; Todd C. Crawford, MD; Glenn J. Whitman, MD, FACS; Robert S. Higgins, MD; Jennifer S. Lawton, MD; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Clinical Predictors of In-Hospital Mortality and Overall Survival for Venoarterial Extracorporeal Membrane Oxygenation in Patients with Refractory Cardiogenic Shock

Patrick D. Kohtz, MD; Mark T. Lucas, MPS, CCP; Michael Bronsert, PhD; Mohamed Eldeiry, MD; Michael J. Weyant, MD, FACS; T. Brett Reece, MD; Jay Pal, MD, PhD; David A. Fullerton, MD, FACS; Joseph C. Cleveland, Jr., MD, FACS; Muhammad Aftab, MD; *From University of Colorado School of Medicine, Aurora, CO*

Preoperative Predictors of Atrial Fibrillation Late after Surgical Aortic Valve Replacement

Andrea L. Axtell, MD; Amy G. Fiedler, MD; David C. Chang, PhD, MPH, MBA; Elbert E. Heng, ScB; Serguei Melnitchouk, MD, MPH; George Tolis, MD; David A. D'Alessandro, MD; Mauricio A. Villavicencio, MD, MBA; Duke E. Cameron, MD; Thoralf M. Sundt, MD; *From Massachusetts General Hospital, Boston, MA*

Predicting Thrombotic Events in Venovenous Extracorporeal Membrane Oxygenation: Low Flow or Inadequate Anticoagulation?

Laura DiChiacchio, MD, PhD; Aakash Shah; Chetan Pasrija, MD; Zachary N. Kon, MD; Kevin M. Jones, MD, MPH, FACEP; Jay Menaker; David Kaczorowski, MD; Kristopher B. Deatrack, MD; *From University of Maryland Medical Center, Baltimore, MD, New York University, New York, NY, R. Adams Cowley Shock Trauma, Baltimore, MD*

Neuronal Protection through Erythropoietin Receptor and the Role of Albumin

Mohamed Eldeiry, MD; Thomas J. Ryan; Patrick D. Kohtz, MD; Xianzhong Meng, MD, PhD; Michael J. Weyant, MD; Joseph C. Cleveland, Jr., MD, FACS; David A. Fullerton, MD, FACS; Muhammad Aftab, MD; T. B. Reece, MD; *From University of Colorado, Aurora, CO*

Postsurgical Outcomes in Patients with Ventricular Assist Devices

Aleksander Zywoit, MD, MPH; Tarundeep Singh; Subroto Paul, MD; *From Morristown Medical Center, Morristown, NJ, Robert Wood Johnson Barnabas Health, Livingston, NJ, Rutgers New Jersey Medical School, Newark, NJ*

Station 2

Health Services Research

MODERATORS:

Elizabeth Dauer, MD, FACS, *Philadelphia, PA*
Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI*

The Role of Gender on Outcomes and Costs of Appendectomy

Cynthia M. Tom, MD; Erin C. Howell, MD; Rie Sakai-Bizmark, MD, MPH, PhD; Scott Friedlander, MPH; Steven L. Lee, MD, FACS; *From Harbor-University of California, Los Angeles Medical Center, Torrance, CA, Los Angeles Biomedical Research Institute, Torrance, CA*

The Impact of Bariatric Medical Tourism on U.S. Health Care Utilization: A University Hospital Experience

Margaux B. Miller, MS; Robert E. Glasgow, MD, FACS; Michael G. Newman, MS; Paige L. Martinez, MS; Ellen H. Morrow, MD, FACS; Eric T. Volckmann, MD; Anna R. Ibele, MD, FACS; *From University of Utah, Salt Lake City, UT*

Changes in the Ratio of Elective to Emergent Colorectal Cancer Resections after Medicaid Expansion

Yasmin A. Zerhouni, MD; Joel E. Goldberg, MD, MPH; Jennifer L. Irani, MD; Ronald Bleday, MD; Nelya Melnitchouk, MD, MSc; *From Brigham and Women's Hospital, Boston, MA, University of California San Francisco-East Bay, Oakland, CA*

Care Fragmentation after Mitral and Aortic Valve Surgery Results in Higher Readmission Mortality

Yas Sanaiha, MD; Yen-Yi Juo, MD; Peyman Benharash, MD; From *University of California, Los Angeles, Los Angeles, CA*

Analgesic Prescribing Patterns for Acute Symptomatic Kidney Stones in Emergency Departments

Leonid I. Aksenov; Ashley C. Wietsma, MD; Michael E. Lipkin, MD; Jonathan C. Routh, MD, MPH; Glenn M. Preminger, MD; Charles D. Scales, MD, MSHS; From *Duke University School of Medicine, Durham, NC, Duke Clinical Research Institute, Durham, NC*

Understanding Readmission Policy Implications for U.S. Hospitals Performing Major Surgery

Benjamin Y. Li; Kevin Y. Zhu; Kenneth L. Urish, MD, PhD; Bruce L. Jacobs, MD, MPH; Yongmei Qin, MD, MS; Tudor Borza, MD, MS; Brent K. Hollenbeck, MD, MS; Jonathan E. Helm, PhD; Mariel S. Lavieri, PhD; Ted A. Skolarus, MD, MPH, FACS; From *University of Michigan, Ann Arbor, MI, University of Pittsburgh Medical Center, Pittsburgh, PA, Arizona State University, Tempe, AZ*

Understanding Variation in Enhanced Recovery Practices after Bariatric Surgery

Margaret E. Smith, MD; Haley E. Stevens, MPH; Oliver A. Varban, MD, FACS; Arthur M. Carlin, MD, FACS; Jonathan F. Finks, MD, FACS; Amir A. Ghaferi, MD, MS; From *University of Michigan, Ann Arbor, MI*

Outcomes of a Peripherally Inserted Central Venous Catheter Placement Protocol in Trauma Patients

Amy Stewart, MD; Christine Tat, MD; Rovi Origenes, MSN, NP-C, CCRN, TNS; Sohaib Amjad; Firas Dabbous, PhD; Manoj R. Shah, MD, FACS; Andrea K. Origenes; From *Advocate Lutheran General Hospital, Park Ridge, IL*

Not Just a Shot in the Dark: A Scoping Review Linking Epidemiology to Gun Violence Interventions

Chelsea Harris, MD, MS; Melissa J. Shauver, MPH; Jacob Nasser; Kevin C. Chung, MD, MS; From *University of Michigan, Ann Arbor, MI, University of Maryland, Baltimore, MD*

Delay in Operative Management of Splenic Injury

Tasce Bongiovanni, MD; Anne Stey, MD, MSH; Amanda S. Conroy; Christopher Wybourn, MD; Andre Campbell, MD; Rachael A. Callcut, MD, MSPH, FACS; From *University of California, San Francisco, San Francisco, CA*

The Association between Altitude and Postoperative Infectious Complications Based on the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Data

Cole Wiedel, MD; Paul Maroni, MD; Mark E. Cohen, PhD; Xiangju Meng; Robert A. Meguid, MD, MPH, FACS; From *University of Colorado School of Medicine, Aurora, CO, American College of Surgeons, Chicago, IL*

Timing of Trauma Service Consultation: A Trauma Registry Analysis of Patient and Injury Factors

Elinore J. Kaufman, MD, MSHP; Paolo de Angelis; Robert J. Winchell, MD, FACS; Philip S. Barie, MD, MBA; Mayur Narayan, MD, MPH, MBA, MHPE; Kira Smith, MD, MS; From *NewYork-Presbyterian-Cornell, New York, NY*

Disparities in Access to Acute Rehabilitation Following Traumatic Injuries in Children: A Nationwide Examination

Adil A. Shah, MD; Edward E. Cornwell, MD; Mallory Williams, MD, MPH; Timothy D. Kane, MD; Anthony Sandler, MD; Mikael Petrosyan, MD; From *Howard University Hospital and College of Medicine, Washington, DC, Children's National Medical Center, Washington, DC*

Station 3**Breast, Surgical Oncology**

MODERATOR:

Eric J. Silberfein, MD, FACS, *Houston, TX*

Postoperative Wound Healing Is Not Impacted by Surgery Start Time: Analysis of More Than 4,000 Patients Undergoing Major Oncologic Surgery

Rebecca K. Marcus, MD; Heather A. Lillemoe, MD; Thomas A. Aloia, MD, FACS; From *The University of Texas MD Anderson Cancer Center, Houston, TX*

Practice Patterns and Guideline Non-Adherence in Surgical Management of Appendiceal Carcinoid Tumors

Danielle R. Heller, MD; Raymond A. Jean, MD; Vadim Kurbatov, MD; Alexander S. Chiu, MD; Sajid A. Khan, MD; From *Yale University School of Medicine, New Haven, CT*

Elevated Mean Corpuscular Volume Predicts Poor Outcome in Patients with Adenocarcinomas of the Esophagogastric Junction

Gerd Jomrich, MD; Marlene Hollenstein, CM; Max John, CM; Robin Ristl, PhD; Matthias Paireder, MD; Ivan Kristo, MD; Reza Asari, MD; Michael Gnant, MD, FACS; Sebastian F. Schoppmann, MD, FACS; From *Medical University Vienna, Vienna, Austria*

Cancer Screening Compliance and Incidence of Melanoma in Pennsylvania

Gabrielle Gauvin, MD; Fernando Lambreton, MD; Elizabeth Handorf, PhD; Kevin A. Henry, PhD; Shannon M. Lynch, PhD, MPH; Jeffrey M. Farma, MD, FACS; From *Fox Chase Cancer Center, Philadelphia, PA*

Time to Colectomy for Colon Cancer: Is There an Opportunity for Prehabilitation?

Nikhil Panda, MD; David C. Chang, PhD, MPH, MBA; Alex B. Haynes, MD, MPH; From *Massachusetts General Hospital, Boston, MA*

The Efficiency of Electronic List-Based Multidisciplinary Team Meetings in Management of Gastrointestinal Malignancy: A Single-Center Experience in Southern China

Yujie Yuan, MD; Jinning Ye, MD; Yufeng Ren, MD; Weigang Dai, MD; Jianjun Peng, MD; Shirong Cai, MD; Chuangqi Chen, MD; Min Tan, MD; Yulong He, MD; From *First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, China*

Impact of the Management of Non-Hodgkin's Lymphoma with Involvement of the Gastrointestinal Tract: A 10-Year Experience in a Reference Center in Mexico City

Lorelí Mejía-Fernández, MD; Jorge Canto-Losa, MD; Rodrigo Figueroa-Méndez, MD; Rubén Cortés-González, MD; Heriberto Medina-Franco, MD, FACS; *From National Institute of Medical Science and Nutrition, Mexico City, Mexico*

Differential Regulation of Gene Expression by TFAP2C in HER2 Breast Cancer Subtype

Boris Kiriazov, MD; Ronald J. Weigel, MD, PhD, FACS; Vincent T. Wu, MD; Peter Addo; *From University of Iowa, Iowa City, IA*

Medicine Cabinet Oncology: Disulfiram and Copper Gluconate Show Similar Efficacy in Pancreatic Cancer Cell Lines and Patient-Derived Xenograft Tissue

Jennifer Leiting, MD; Lin Yang, PhD; Matthew C. Hernandez, MD; Mark J. Truty, MD, FACS; *From Mayo Clinic, Rochester, MN*

Deconstructing the Adjuvant Chemotherapy Quality Measure for Stage III Colon Cancer: Does It Reveal an Under Recognized Disparity in Care?

Ryan J. Ellis, MD; Joseph M. Feinglass, PhD; Anthony D. Yang, MD, MS; Karl Y. Bilimoria, MD, MS; Ryan P. Merkow, MD, MS; *From Northwestern University, Chicago, IL*

Non-Thermal Plasma-Induced Immunogenic Cell Death in a Colorectal and Pancreatic Cancer Murine Model

Marian Khalili, MD; Abraham Lin, PhD; Adam E. Snook, PhD; William F. Morano, MD; Vandana Miller, MD; Wilbur B. Bowne, MD; *From Drexel University, Philadelphia, PA*

Is Hepatic Resection Better Than Transarterial Chemoembolization for Patients with Hepatocellular Carcinoma with Portal Vein Tumor Thrombosis?

Catrine Ibrahim; Natalia Parra; Francisco I. Macedo, MD; Basem Azab, MD; Nipun B. Merchant, MD; Danny Yakoub, MD, PhD, FACS; *From University of Miami, Miami, FL*

Prospective Comparison of American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Surgical Risk Calculator and Surgical Apgar Score to Predict Perioperative Outcomes Following Major Cancer Surgery

William H. Ward, Jr., MD; Neha Goel, MD; Samuel M. Manstein; Lyudmila DeMora, MS; Marc C. Smaldone, MD; Jeffrey M. Farma, MD, FACS; Eric Ross, PhD; Robert G. Uzzo, MD, FACS; Nestor F. Esnaola, MD, MPH, MBA, FACS; *From Fox Chase Cancer Center, Philadelphia, PA*

Does a Dual Surgeon Approach to Pancreatic Resection Improve Outcome?

Caitlin Takahashi, DO; Kenneth Meredith, MD; Ravi Shridhar, MD; Jamie Huston; Pedro Briceno, MD; *From Sarasota Memorial Hospital, Sarasota, FL, Florida State University, Tallahassee, FL*

Station 4

Hepatobiliary and Pancreas, Pediatric Surgery, Surgical Oncology

MODERATORS:

Casey M. Calkins, MD, FACS, *Milwaukee, WI*

Mary E. Fallat, MD, FACS, *Louisville, KY*

Sustained Application of Dinutuximab within Neuroblastoma Tumor Is Effective in Decreasing Tumor Growth

Jamie Harris, MD; Kimberly J. Ornell, MEng; Jasmine C. Zeki; Jeannine M. Coburn, PhD; Bill Chiu, MD; *From Worcester Polytechnic Institute, Worcester, MA, Stanford University, Palo Alto, CA, Rush University Medical Center, Chicago, IL*

Safe Phlebotomy Reduction in Stable Pediatric Liver/Splenic Injuries

Naomi-Liza Denning, MD; Ibrahim Abd el-Shafy, MD; Amanda Munoz, MD; Ian Vannix; Rajaie G. Hazboun, MD; Xian Luo-Owen, PhD; John Cordova, MD; Joanne E. Baerg, MD, FACS, FRCSC; Daniel C. Cullinane, MD; Jose M. Prince, MD; *From Cohen Children's Medical Center Northwell Health, New Hyde Park, NY, Loma Linda Children's Hospital, Loma Linda, CA, Marshfield Clinic Children's Hospital, Marshfield, WI*

FTY720 Enhances the Anti-Tumor Effects of Doxorubicin on Neuroblastoma Cells In-Vitro

Adele P. Williams, MD; Laura L. Stafman, MD; Jamie Aye, MD; Jerry Stewart; Elizabeth A. Beierle, MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Malpractice Litigation Involving Pediatric Surgical Conditions in the U.S.

Barrie Rich, MD; Richard D. Glick, MD; *From Cohen Children's Medical Center, Northwell Health, New Hyde Park, NY*

Scaffold-Free Delivery of Organoid Units Forms Tissue-Engineered Intestine

Mubina A. Isani, MD; Christopher R. Schlieve, MD; Kathryn L. Fowler, MS; Laura-Marie A. Nucho, MS, MBA; Tracy C. Grikscheit, MD, FACS; *From Children's Hospital of Los Angeles, Los Angeles, CA*

Travel Distance Required to Achieve Regionalization of Esophageal Atresia Repair in the U.S.

Sarah B. Cairo, MD, MPH; Lida I. Zeinali, MD; Eun-Hye E. Yoo, PhD; Sara K. Berkelhamer, MD; David H. Rothstein, MD, MS, FACS, FAAP; *From John R. Oishei Children's Hospital, Buffalo, NY*

Lipocalin-2 (LCN2) Is Associated with Greater Intestinal Dysbiosis in a Mouse Model of Short Bowel Syndrome

Ailan Zhang, MD, PhD; James White, PhD; Peng Lu, PhD; Menghan Wang, MS; Thomas Prindle; David J. Hackam, MD, FACS; Samuel M. Alaish, MD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Pediatric Thymectomy: A Study of National Trends in Demographics, Short-Term Outcomes, and Cost

Michael A. Catalano, MD; Clancy W. Mullin, MD; Barrie Rich, MD; Richard D. Glick, MD; *From Zucker School of Medicine at Hofstra/Northwell, New Hyde Park, NY*

Narcotic Prescribing Practices at Pediatric Trauma Centers in the U.S.

Shiliang A. Cao, MD; Hale E. Wills, MD, MS, FACS, FAAP; *From Alpert Medical School at Brown University, Providence, RI, Hasbro Children's Hospital, Providence, RI*

Evaluation of Perioperative Factors of Early Recurrence after Pancreaticoduodenectomy in Resectable Pancreatic Head Cancer

Shinichiro Ono, MD; Tomohiko Adachi, MD; Masaaki Hidaka, MD, PhD; Akihiko Soyama; Hajime H. Matsushima, MD, PhD; Toshiyuki Adachi, MD; Manpei Yamashita, MD; Kengo Kanetaka; Mitsuhsa Takatsuki, MD, PhD, FACS; Susumu Eguchi, MD, FACS; *From Nagasaki University, Nagasaki, Japan*

Initial Single-Center Experience with Gallium-68 DOTATATE Scans for Neuroendocrine Cancers

Kelsi Hirai, MD; Miranda Lin; Georgios V. Georgakis, MD, PhD; Rao Chimpiri, MD; Robert Matthews, MD; Dinko Franceschi, MD; Aaron R. Sasson, MD, FACS; Joseph Kim, MD, FACS; *From Stony Brook Medicine, Stony Brook, NY*

Differential Expression of pfeRNAs among Ethnicities May Preclude the Development of Effective Epigenetic Biomarkers

Nadege T. Fackche, MD; Matthew S. Garner, MD; Yuping Mei, PhD; Malcolm V. Brock, MD; *From John Hopkins University, Baltimore, MD*

Introduction of a Perioperative Clinical Pathway for Cytoreductive Surgery and Heated Intraperitoneal Chemotherapy Decreases Intraoperative and Postoperative Fluid Administration

June S. Peng, MD; Jessica B. Lapiano; Allison H. Maciver, MD, MSc, FRCSC; Kristopher Attwood, PhD; Joseph J. Skitzki, MD, FACS; John M. Kane III, MD, FACS; Valerie A. Francescutti, MD; *From Roswell Park Comprehensive Cancer Center, Buffalo, NY*

**Station 5
Hepatobiliary and Pancreas****MODERATORS:**

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*
James R. Oullette, DO, FACS, *Centerville, OH*

Micro-and Macro-Borderless HBPT Surgery Using Novel 3D-4K Video System

Shintaro Yagi, MD, FACS; Takashi Ito, MD, PhD; Eri Ogawa, MD, PhD; Yosuke Kasai, MD, PhD; Hisaya Shirai, MD; Siyuan Yao, MD; Yuki Masano, MD; Shinji Uemoto, MD, PhD; Eiji Kobayashi, MD, PhD; *From Kyoto University, Kyoto, Japan, Keio University, Tokyo, Japan*

The Effects of Early Recovery after Surgery (ERAS) Protocol on Clinical Outcomes after Whipple Surgery

Tommy A. Brown; Jonathan E. Brown; Briana Britton; Toni L. Caldon, RN; Tommy A. Brown, MD, FACS; *From St. Joseph Medical Center, Tacoma, WA*

Laparoscopic vs. Open Radical Antegrade Modular Pancreatosplicectomy for Left-Sided Pancreatic Cancer Using the Ligament of Treitz Approach

Kazuki Hashida, MD; Yusuke Ome, MD; Mitsuru Yokota, MD; Yoshio Nagahisa, MD; Michio Okabe, MD; Kazuyuki K. Kawamoto, MD, PhD; *From Kurashiki Central Hospital, Kurashiki-shi, Japan*

Novel Oridonin Analog CYD0617-2 Induces Activated Hepatic Stellate Cell Apoptosis by Suppressing NF-κB Signaling

Claire B. Cummins, MD; Xiaofu Wang; Byron D. Hughes, MD, MPH; Pingyuan Wang, PhD; Ye Ding, PhD; Haiying Chen; Jia Zhou, PhD; Ravi S. Radhakrishnan, MD, FACS; *From University of Texas Medical Branch, Galveston, TX*

Post-Discharge Phone Call Intervention Following Pancreaticoduodenectomy

Rony J. Takchi; Darren R. Cullinan, MD; Greg Williams, MS; Chet Hammill, MD; Ryan C. Fields, MD; Steven M. Strasberg, MD; William G. Hawkins, MD, FACS; *From Washington University in St. Louis, St. Louis, MO*

Impact of Postoperative Hyperglycemia on Postoperative Morbidity and Overall Survival in Patients Undergoing Oncologic Pancreatic Surgery

Maryna Chumakova, MD; Gareth Morris-Stiff, MD, PhD; Essa M. Aleassa, MD; *From Cleveland Clinic, Cleveland, OH*

30-Day Outcomes and Predictors of Complications after Puestow Procedure

Kyongjune B. Lee, MD; Alejandro E. Murillo-Berlitz, MD; Clint S. Schoolfield, MD; Richard L. Amdur, PhD; Fredrick J. Brody, MD, FACS; *From George Washington University Hospital, Washington, DC, Washington D.C. Veterans Affairs Medical Center, Washington, DC*

Comparison of Postoperative Site Pain in Gallbladder Extraction via Umbilical Port vs. Epigastric Port Post-Laparoscopic Cholecystectomy: A Meta-Analysis

Teodoro B. Bautista, Jr., MD; Ralph Gerard C. Olalia, MD; Christine Joyce M. Minas-Santicruz, MD; *From University of Santo Tomas Hospital, Manila, Philippines*

Systemic Immune-Inflammation Index Predicting Poor Outcome in Pancreatic Cancer Patients

Gerd Jomrich, MD; Elisabeth S. Gruber, MD; Daniel Winkler; Marlene Hollenstein, CM; Michael Gnant, MD, FACS; Martin Schindl, MD; Klaus Sahara, MD; *From Medical University Vienna, Vienna, Austria, Vienna University of Economics and Business, Vienna, Austria*

Clinicopathological Factors and Curative Treatment Receipt Differ amongst Non-Alcoholic Steatohepatitis, Viral Hepatitis, and Alcohol Liver Disease-Related Hepatocellular Carcinoma

Caitlin A. Hester, MD; Nicole E. Rich, MD; Mathew M. Augustine, MD, PhD; John C. Mansour, MD, FACS; Patricio M. Polanco, MD; Matthew R. Porembka, MD; Sam C. Wang, MD; Amit G. Singal, MD, MS; Adam C. Yopp, MD, FACS; *From University of Texas Southwestern, Dallas, TX*

Prevention of Delayed Gastric Empty after Living Donor Left Hepatectomy

Mitsuhisa Takatsuki, MD, PhD, FACS; Masaaki Hidaka, MD, PhD; Akihiko A. Soyama, MD, FACS; Koji K. Natsuda, MD, PhD; Tomohiko Adachi, MD; Shinichiro Ono, MD; Kengo Kanetaka, MD, FACS; Susumu Eguchi, MD, FACS; *From Nagasaki University, Nagasaki, Japan*

Thunderbeat Integrated Bipolar and Ultrasonic Forceps in the Whipple Procedure: Results of a Prospective Registry Trial

Linda X. Jin, MD; Greg Williams, MS; Ryan C. Fields, MD, FACS; Maria B. Doyle, MD; Steven M. Strasberg, MD; William G. Hawkins, MD, FACS; *From Washington University in St. Louis, St. Louis, MO*

Laparoscopic vs. Open Approach in Management of Hepatic Hydatid Cystic Disease

Hossam El. Elshafey, MD, MRCS; *From National Hepatology and Tropical Medicine Research Institute, Cairo, Egypt*

Periampullary Cancer Patients with Limited English Proficiency Have Increased Mortality Compared to English Proficient Patients

Rodrigo Calvillo-Ortiz, MD; Manuel Castillo-Angeles, MD, MPH; Courtney E. Barrows, MD; Asad Pasha; Daniel Creighton; Mark P. Callery, MD, FACS; A. James Moser, MD; Tara S. Kent, MD, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA*

Station 6**Breast, Cardiac Surgery, Critical Care Surgery, Geriatric Surgery and Palliative Care, Transplantation and Tissue Engineering****MODERATOR:**

Carlos V. R. Brown, *Austin, TX*

Incidence of, and Risk Factors for, Multiple Readmissions Following Kidney Transplantation

Jessica Schucht, MD; Eric G. Davis, MD, FACS; Christopher M. Jones, MD, FACS; Robert M. Cannon, MD; *From University of Louisville, Louisville, KY*

Ureteroscopy for the Management of Renal Transplant Urolithiasis

Rebecca C. Gerber, MD; Viacheslav Iremashvili, MD; Sara L. Best, MD; Sean P. Hedican, MD; Stephen Y. Nakada, MD, FACS; *From University of Wisconsin, Madison, WI*

An Automated Anastomotic Device for Heart Transplantation

Pramod Bonde, MD, FACS; Jiheum Park, PhD; *From Yale University, New Haven, CT*

The Novel Polymer Pro-Drug APP-103 Reduces I/R Injury and Preserve Graft Function in a Preclinical Renal Transplant Model

Koichiro Minami, MD, PhD; Abdala Elkhali, PhD; Astrid Weins, MD, PhD; Soochan Bae, PhD; Brandy Houser, PhD; Peter M. Kang, MD; Stefan G. Tullius, MD, PhD, FACS; *From Brigham and Women's Hospital, Boston, MA, Beth Israel Deaconess Medical Center, Boston, MA, Celdara Medical, LLC, Lebanon, NH*

mtDNA-Mediated Inflammatory Injury in Old Donors Is Improved by Senolytic Treatment

Koichiro Minami, MD, PhD; Midas Seyda; Timm Heinbokel, MD; Yeqi Nian, MD; Markus Quante, MD; Reza Abdi, MD; Tamara Tchkonja, PhD; James L. Kirkland, MD, PhD; Abdallah Elkhali, PhD; Stefan G. Tullius, MD, PhD; *From Brigham and Women's Hospital, Boston, MA, Mayo Clinic, Rochester, MN*

Incidence, Predictors, and Clinical Impact of Venous Thromboembolism on Outcomes and Resource Utilization Following Adult Lung Transplantation

Dalia Larios; Sameer A. Hirji, MD; Luis E. De Leon Morales, MD; Clara M. Kerwin; Gita N. Mody, MD, MPH; *From Brigham and Women's Hospital, Boston, MA*

Interstitial Laser Ablation as Alternative to Surgical Treatment of Benign Breast Tumors

Margaret Chen, MD; Barbara S. Schwartzberg, MD, FACS; John Lewin, MD; Bret Taback, MD, FACS; Sherene Ishtihar; Robert Maganini, MD; William P. Mansfield, MD; Robert Gardner, MD; Miguel H. Del Toro, MD; Kambiz Dowlatshahi, MD, FACS; *From Columbia University, New York, NY, New York Presbyterian Queens, Flushing, NY, Rose Medical Center, Denver, CO*

Favorable Outcomes in Octogenarians with Hostile Neck Undergoing Endovascular Repair Using Endo Anchors

Satinderjit S. Locham, MD; Hanaa Dakour Aridi, MD; Besma Nejim, MBChB, MPH; Asma A. Mathlouthi, MD; Mahmoud Malas, MD, MHS, FACS; *From Johns Hopkins Medical Institutions, Baltimore, MD*

A Protocol for Emergent Laparotomy and Temporary Abdominal Closure

Tyler J. Loftus, MD; Philip A. Efron, MD, FACS; Trina M. Bala, ARNP; Martin D. Rosenthal, MD; Michael J. Walters, MD; Chasen A. Croft, MD, FACS; R. Stephen Smith, MD; Frederick A. Moore, MD, FACS; Alicia M. Mohr, MD, FACS; Scott C. Brakenridge, MD, FACS; *From University of Florida, Gainesville, FL*

Delayed Production of Reactive Nitrogen Species Induces Lung Congestion after Myocardial Ischemia Reperfusion

Masaki Yamamoto, MD, PhD; Nobuo Kondo, MD; Miwa Tashiro, MD; Kazumasa Orihashi, MD, PhD; Kazuhiro Hanazaki, MD, PhD; Tokio Yamaguchi, PhD; *From Kochi Medical School, Kochi University, Nankoku, Japan*

Adenosinergic Regulation of Type 2 Cytokine Production by Interleukin-33 (IL-33) Activated ILC2 Cells, Macrophages, and Bone Marrow Cells

Zoltan H. Nemeth, MD, PhD; Balazs Csoka, PhD; Daniel Hakakian; Louis T. DiFazio, MD; Gyorgy Hasko, MD, PhD; *From Morristown Medical Center, Morristown, NJ, Columbia University Medical Center, New York, NY*

The Impact of Age on Septic Shock and Multiple Organ Failure

Norma M. Smalls, MD, FACS; Maria F. Nunez, MD; Gezzar Ortega, MD; Delaram J. Taghipour, MD; *From Howard University College of Medicine, Washington, DC*

Risk Factors for the Development of Intra-Abdominal Hypertension and Abdominal Compartment Syndrome after Complex Ventral Hernia Repair: A Case Series of 175 Consecutive Patients

Raghav Chandra; Richard A. Jacobson, MD; Keith W. Millikan, MD; Jennifer Poirier, PhD; Nicole Siparsky, MD; *From Rush University Medical Center, Chicago, IL*

SF226 | 2:30-4:00 PM

e-Poster Rounds IV

LOCATION: 253ABC

Station 1**Cardiac Surgery, Critical Care Surgery, General Surgery, Health Services Research, Thoracic Surgery****MODERATOR:**

Gary T. Marshall, MD, FACS, *Plano, TX*

Racial and Sex Differences in End-of-Life Decision Making in Critically Ill Surgical Patients

Laura N. Purcell, MD; Christopher J. Tignanelli, MD; Rebecca Maine, MD, MPH; Anthony G. Charles, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, University of Minnesota, Minneapolis, MN*

Return of Spontaneous Circulation Is Not Associated with Earlier Tracheal Intubation during In-Hospital Cardiac Arrest

Michael A. Vella, MD; Charles R. Vasquez, MD; David G. Buckler, NRP; Sarah A. Root; Benjamin S. Abella, MD, MPhil; Carrie A. Sims, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Minimally Invasive Sequential Fasciotomy for the Management of the Abdominal Hypertension Syndrome: Experimental Study

Javier Lopez-Monclus, MD, PhD, FACS; Amparo Gomez-Cruz, MD, PhD; Martin Santos-Gonzalez, DVM, PhD; Francisco J. Tendillo-Cortijo, MD, PhD; Jose L. Lucena, MD, PhD; Natalia Gonzalez-Alcolea, MD; Maria D. Chaparro, MD; Carmen L. Leon Gamez, MD; Victor Sanchez-Turrión, MD, PhD, FACS; Miguel Angel Garcia-Urena, MD, PhD, FACS; *From Puerta de Hierro University Hospital, Madrid, Spain*

Venous Physiology Predicts Anesthetic-Induced Hypotension in Infants

Patrick C. Bonasso, MD, MBA; Kevin W. Sexton, MD; Abul Hayat; Ali Al-Alawi; Jingxian Wu, PhD; Hanna K. Jensen, MD, PhD; Morten O. Jensen, PhD, Dr.Med; Samuel D. Smith, MD, FACS; Jeffrey M. Burford, MD; Melvin S. Dassinger III, MD, FACS; *From University of Arkansas for Medical Sciences, Little Rock, AR, University of Arkansas, Fayetteville, AR*

More Golden Boys than Golden Girls: Differences in Degree of Specialization between Male and Female Pediatric Surgeons

Biqi Zhang; Maggie L. Westfal, MD, MPH; Cornelia L. Griggs, MD; David C. Chang, PhD, MBA, MPH; Cassandra M. Kelleher, MD, FACS; *From Massachusetts General Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Association between Hispanic Ethnicity and Mortality Following Emergency General Surgery

Manuel Castillo-Angeles, MD, MPH; Molly P. Jarman, PhD; Deepika Nehra, MD; Joaquim M. Havens, MD; *From Brigham and Women's Hospital, Boston, MA*

Analysis of Mode of Advanced Life Support Transport to a Level I Trauma Center

Daniel Hakakian; Andrew Benvenuto; Dorian A. Bogdanovski, MPH; Gabrielle E. Foster; Louis T. DiFazio, MD; Renay Durling-Grover, MSN, RN; Zoltan H. Nemeth, MD, PhD; *From Morristown Medical Center, Morristown, NJ, Columbia University Medical Center, New York, NJ*

Chest Wall Stabilization: Single-Institution Report

Marcelo C. DaSilva, MD; Camila Hood, MS; *From Brigham and Women's Hospital, Boston, MA*

Pectin-Based Biopolymer Sealant of Human Pleural Injury

Andrew Servais, MD; Arne Kienzle, MD; Alexandra Ysasi; Cristian D. Valenzuela, MD; Willi L. Wagner, MD; Akira Tsuda, PhD; Maximilian Ackermann, MD; Steven Mentzer, MD; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Pediculated Intercostal Muscle Flaps in Bronchiectasis Resectional Surgery for Bronchial Stump Reinforcement

Farhan A. Majeed, MB, BS, FACS; *From Combined Military Hospital Quetta, Quetta, Pakistan, Combined Military Hospital Rawalpindi, Rawalpindi, Pakistan, Combined Military Hospital Lahore, Lahore, Pakistan*

Vocal Cord Dysfunction in the Thoracic Patient

Mariangela Rivera, MD; Syed Abdul-Rahman, MS; Wesley L. Hicks, MD; Kimberly E. Wooten, MD; Hassan H. Arshad, MD, FACS; Sai Yendamuri, MD, FACS; Vishal Gupta, MD; *From Roswell Park Cancer Institute, Buffalo, NY*

Early and Late Outcomes in Coronary Artery Bypass Grafting in 428 Patients with End-Stage Renal Disease: A Systematic Review and Meta-Analysis

Derrick Y. Tam, MD; Mario FL. Gaudino, MD; Reena Karkhanis, MB, BS; Stephen E. Fremes, MD, MSC; *From University of Toronto, Toronto, Ontario*

Tumescent-Based Radical Excision of Hidradenitis Suppurativa: Safe, Fast, and Efficacious

Radbeh Torabi, MD; Amy Hui; Jeffrey S. Barton, MD; Frank Lau, MD; *From Louisiana State University Health Sciences Center, New Orleans, LA*

Clean or Contaminated: Strategies to Improve the Documentation Accuracy of Wound Classification

Christina Kwock, MD; Nawar Z. Paracha, MD; James C. Rucinski, MD, FACS; Michael E. Zenilman, MD, FACS; Toni Beninato, MD; *From New York Presbyterian-Brooklyn Methodist Hospital, Brooklyn, NY*

Station 2**General Surgery****MODERATORS:**

Stanley W. Ashley, MD, FACS, *Boston, MA*
 Jacqueline J. Wu, MD, FACS, *Springfield, MA*

The Effect of Laparoscopic Ventral Hernia Repair on Quality of Life Outcomes in Primary and Recurrent Hernias

Javier Otero, MD; Kathryn A. Schlosser, MD; Angela M. Kao, MD; Michael R. Arnold, MD; Tanushree Prasad, MA; Vedra A. Augenstein, MD, FACS; Paul D. Colavita, MD; B. Todd Heniford, MD; *From Carolinas Medical Center, Charlotte, NC*

The Effect of Closed Suction Drain Placement at the Time of Appendectomy on the Rate of Postoperative Intra-Abdominal Abscess

Mohamad H. Abouzeid, MD; Derek M. Freitas, MD; Pooja Patel; Timothy J. Borjas; Jason Maggi, MD; *From New York University School of Medicine, New York, NY*

Outcomes following Inpatient Surgery in Heart Transplant Recipients

Israel O. Olorundare, MD, MPH; Ahmet Kilic, MD; *From Johns Hopkins Medical Institutions, Baltimore, MD*

Can Computed Tomography Severity Score Predict Postoperative Infectious Complications in Laparoscopic Appendectomy?

Muhammad Sohaib Khan, MB, BS; Mustafa Belal H. Chaudhry, MBBS; Noman Shahzad, MB, BS, FCPS, MRCS, MSc; Muhammad Tayyab H. Siddiqui, MB, BS; Noman Khan, MB, BS; Wasim A. Memon, MB, BS, FCPS; Abdul Rehman Alvi, MB, BS, FCPS, FRCS; *From Department of Surgery, The Aga Khan University, Karachi, Pakistan*

Predicting Mortality Using Different Methods of Measuring Sarcopenia amongst Patients with Necrotizing Soft-Tissue Infection (NSTI)

Manuel Castillo-Angeles, MD, MPH; Jennifer W. Uyeda, MD; Barbara U. Okafor, MBA; Sameer A. Hirji, MD; Deepika Nehra, MD; Stephanie Nitzschke, MD; Reza Askari, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

An Investigation into the Functional Microscopic Integrity of Various Anastomotic Techniques

Herbert M. Hedberg, MD; Michael Ujiki, MD, FACS; John C. Alverdy, MD, FACS; *From NorthShore University HealthSystem, Evanston, IL, University of Chicago, Chicago, IL*

Surgical Volunteerism Mission: Outcomes of 1,327 Patients and Twelve Missions

Rifat Latifi, MD, FACS; Renato B. Rivera, MD, FACS; Mahir Gachabayov, MD; Elizabeth H. Tilley, PhD; Maria Chiong; R. Dirk Noyes, MD; Michael H. Kleinman, MD, FACS; Francisca S. Baluyot, RN; *From Westchester Medical Center, New York Medical College, Valhalla, NY*

Safety and Feasibility of Peroral Pyloromyotomy as an Augmentative Therapy after Prior Gastric Electrical Stimulation for Gastroparesis

Andrew T. Strong, MD; John H. Rodriguez, MD, FACS; Matthew D. Kroh, MD, FACS; Jeffrey L. Ponsky, MD, MBA, FACS; James P. Villamere, MD; Michael Cline, DO; Kevin El-Hayek, MD; *From Cleveland Clinic, Cleveland, OH*

Magnetic Resonance Imaging Derived Biomarker for Prediction of Survival in Surgically Treated Colorectal Cancer

Koichi Hayano, MD, PhD; Yumiko Takahashi, MD; Gaku Ohira, MD; Toru Tochigi, MD; Hisahiro Matsubara, MD, PhD; *From Chiba University Hospital, Chiba, Japan*

Economic Validation of the Comprehensive Complication Index: A Prospective Study at a Department of Surgery

Roberto de la Plaza Llamas, MD; Álvaro Hidalgo-Vega, PhD; José M. Ramia Ángel, MD, PhD, FACS, FRCS; Vladimir Arteaga Peralta, MD; Cristina García-Amador, MD; Aylhín J. López Marciano, MD; Aníbal A. Medina Velasco, MD; José M. García Gil, MD; *From Hospital Universitario de Guadalajara, Spain, Guadalajara, Spain*

Patient-Reported Outcomes and Risk Factors of Postoperative Morbidity following Thyroid Surgery in a Surgical Volunteerism Mission: A Prospective Cohort Study

Mahir Gachabayov, MD; Rifat Latifi, MD, FACS; *From Westchester Medical Center, New York Medical College, Valhalla, NY*

Oncological Impact and Risk Factors of Anastomotic Leakage after Colorectal Surgery for Colorectal Cancer, A Propensity Score Matching Analysis

Wataru Okajima, MD, PhD; Masayoshi Nakanishi, MD, PhD; Eigo Otsuji, MD; *From Kyoto Prefectural University of Medicine, Kyoto, Japan, Ayabe City Hospital, Ayabe, Kyoto, Japan*

Station 3**General Surgery****MODERATORS:**

Alia P. Qureshi, MD, FACS, FRCSC, *Boston, MA*
 Kevin Helling, MD, *Casper, WY*

Magnet Recognition Program Status of Hospitals Is Associated with Access Disparities for Patients Undergoing Surgery

Maria S. Altieri, MD; Jie Yang, PhD; Lisa A. Bevilacqua; Mengru Zhang, MS; Konstantinos Spaniolas, MD; Mark A. Talamini, MD, FACS; Aurora D. Pryor, MD, FACS; *From Stony Brook Hospital, Stony Brook, NY*

Postoperative Pain Investigation under the Protocol of Enhanced Recovery after Abdominal Surgery: Incidence and Risk Factors

Yujie Yuan, MD; Weixin Xiong, RN; Min Tan, MD; Jidong Zuo, MD; *From First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, China*

How Many Knots? Mechanical Properties of Sliding Crossed Knots in #1 Polydioxanone (PDS) Suture

Brianna L. Slatnick, MD; Suwaiba Asghar; Elizabeth Day; Viktor Y. Dombrovskiy, MD, PhD, MPH; Tomer Davidov, MD, FACS; *From Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*

Ghrelin Attenuates Hydrogen Peroxide (H₂O₂)-Induced Intestinal Injury in IEC-6 Cells

Natesh Yepuri, MB, BS; Qinghe Meng, MD; Xianjin Du, MD, PhD; Robert N. Cooney, MD, FACS; *From SUNY Upstate Medical University, Syracuse, NY*

Conversion from Gastric Band to Sleeve Is Safer Than Gastric Band to Bypass: Results of a 10-Year Analysis of Complications

Raelina S. Howell, MD; Patrizio Petrone, MD, MPH, MSHSA, FACS; Javier Perez-Calvo, MD; Harika Boipally, MD; Jon S. Woods, MD; Kenneth N. Hall, MD, FACS, FASMB; Alexander Barkan, MD, FACS, FASMB; Collin E. Braithwaite, MD; *From NYU Winthrop Hospital, Mineola, NY*

Acute Care Surgery in the Obese and the Risk of Venous Thromboembolism: An American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Database Analysis

Jennifer L. Wentzel, MD, MS; Jason D. Sciarretta, MD; Sharon L. Holmes, RN; Keely M. Muertos, MPH; John M. Davis, MD; *From University of South Carolina, Myrtle Beach, SC*

Follow-Up on Outcomes of a Clinical Pathway for Early Cholecystectomy in Complicated Gallstone Disease

Christopher P. Rice; Celia Chao, MD, FACS; Lance W. Grif-fin, MD, FACS; Whitney R. Jenson, MD; Sara M. Demola, MD; Carlos J. Jimenez, MD, FACS; August Schaeffer; Daniel C. Jupiter, PhD; Winston J. Chan, MPH; William J. Mileski, MD, FACS; *From University of Texas Medical Branch, Galveston, TX*

Complex Abdominal Incisional Defects: A Multicenter Study of Repair with Biologic Implant Permacol™

Saverio Latteri, MD; Antonio Pesce, MD; Pietro Conti, MD; Elena Schembari, MD; Valentina V. Randazzo, MD, PhD; Martina Barchitta; Antonella P. Agodi; Giovanni Trombatore, MD; Gaetano La Greca, MD, PhD, FACS; Domenico Russello, MD; *From University of Catania, Catania, Italy*

Pushing the Envelope? Outcomes from Managing Cancer Patients Presenting with Acute General Surgical Emergencies

Chelsea R. Horwood, MD; Sara Byrd; Julie A. Stephens, MS; Susan D. Moffatt-Bruce, MD, PhD, FACS; Jonathan R. Wisler, MD; Steven M. Steinberg, MD; Amy P. Rushing, MD, FACS; *From The Ohio State University, Columbus, OH*

Effectiveness and Safety of Minimal Access Surgery for Abdominal and Pulmonary Hydatid Cysts: An Experience at a Tertiary Health Care Facility

Muhammad Hanif, MB, BS, FCPS, FACS; Arslan Zahid, MB, BS; Nida Farrukh, MB, BS; Hamza Hanif; *From Rawalpindi Medical University, Rawalpindi, Pakistan*

Prospective Evaluation of All Postoperative Morbidity at a General Surgery Service Using the Comprehensive Complication Index

Roberto de la Plaza Llamas, MD; José M. Ramia Ángel, MD, PhD, FACS, FRCS; Cristina García-Amador, MD; Aylhín J. López Marcano, MD; Aníbal A. Medina Velasco, MD; Begoña González Sierra, MD; Daniel Díaz Candelas, MD; Vladimir Arteaga Peralta, MD; Raquel A. Latorre Fragua, MD, PhD; Alba Manuel Vázquez, MD, PhD; *From Hospital Universitario de Guadalajara, Spain, Guadalajara, Spain*

Should We Measure Postoperative Morbidity at 90 days? A Prospective Study at a Department of Surgery

Roberto de la Plaza Llamas, MD; José M. Ramia Ángel, MD, PhD, FACS, FRCS; Alba Manuel Vázquez, MD, PhD; Raquel A. Latorre Fragua, MD, PhD; José M. García Gil, MD; Cristina García-Amador, MD; Aylhín J. López Marcano, MD; Aníbal A. Medina, MD; Begoña González Sierra, MD; Daniel Díaz Candelas, MD; *From Hospital Universitario de Guadalajara, Spain, Guadalajara, Spain*

Experimental Incisional Hernia Model Reveals Superiority of Sublay over Onlay Repair in Tension Force and Adhesion Formation

Fernando Ponce Leon, MD; José Eduardo JE. Manso, MD, PhD; Rodrigo Martinez, MD, PhD; Viviane L. Abud, MD; Nathalia Santos, MD; *From Federal University of Rio de Janeiro, Rio de Janeiro, Brazil*

Station 4

Cardiac Surgery, Thoracic Surgery

MODERATOR:

Siva Raja, MD, PhD, FACS, *Beachwood, OH*

Contemporary Outcomes in Pediatric and Congenital Heart Surgery in a Dedicated Surgical Program

Charles D. Fraser, Jr., MD; Carmen Watrin, RN, MSN; Kathy E. Carberry, RN, MPH; Karla Dyer; Iki Adachi, MD; Carlos M. Mery, MD, MPH, FACS; E. Dean McKenzie, MD; Jeffrey S. Heinle, MD, FACS; *From Texas Children's Hospital, Houston, TX*

Developing an In-Vitro Model Measuring Urinary Dissolved Oxygen as a Biomarker for Intraoperative Risk of Kidney Injury

Rose M. Caston; Natalie Silverton, MD; Kai Kuck, PhD; *From University of Utah School of Medicine, Salt Lake City, UT*

A Magnetically Sealed, Self-Expanding Endovascular Stent Graft for Type-A Dissection: A Bio-Inspired Innovation

Pramod Bonde, MD, FACS; Jiheum Park, PhD; *From Yale University School of Medicine, New Haven, CT*

Smart Capture and Analytics of Multimodal Data Leads to Better Personalized Medicine

Rinku Skaria; Shravan Aras, PhD; Kitsie Johnson; Anh Dao; Jenő Szep, PhD; Chris Gniady, PhD; Salim Hariri, PhD; Zain I. Khalpey, MD, PhD, FACS; *From University of Arizona, Tucson, AZ*

Experience of Minimally Invasive Surgical Aortic Valve Replacement at a Veterans Affairs Medical Center

Norah E. Liang, AB; Liang Ge, PhD; Elaine E. Tseng, MD; *From San Francisco Veterans Affairs Medical Center, San Francisco, CA, University of California, San Francisco, San Francisco, CA*

Debunking the July Effect in Transcatheter Aortic Valve Replacement: An Analysis of 40,900 Surgeries

Rohan M. Shah; Sameer A. Hirji, MD; Samantha M. Landino; Shivangi Goel; Isidore Dinga Madou, MD; Simon Body, MD; Marc P. Pelletier, MD; Tsuyoshi Kaneko, MD; *From Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA*

A Fully Implantable Percutaneous Right Ventricular Assist Devices via Direct Superior Vena Cava to Right Pulmonary Artery Connection

Jiheum Park, PhD; Pramod Bonde, MD, FACS; *From Yale School of Medicine, New Haven, CT*

Markers of Malnutrition in Patients Undergoing Esophagectomy: An American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Analysis

Jahnavi Kakuturu, MD; Shohan Shetty, MD; *From Saint Mary's Hospital, Waterbury, CT*

Pulmonary Lobectomy Is Not Inferior to Pneumonectomy for Stage-II (N1) Non-Small Cell Lung Cancer

Danny T. Nguyen; Jacques P. Fontaine, MD; Lary A. Robinson, MD, FACS; Robert J. Keenan, MD, FACS; Eric M. Toloza, MD, PhD, FACS; *From Moffitt Cancer Center, Tampa, FL, University of South Florida Morsani, Tampa, FL*

Establishment of a Canine Model of Tracheoesophageal Fistula Using the Magnetic Compression Technique

Yanchao Zhang; Yi Lv; Xiaopeng Yan, PhD; *From Xi'an Jiaotong University, Xi'an, China*

Effect of Dendrimer-Conjugated N-acetyl Cysteine in Myocardial Ischemia-Reperfusion Injury

Alejandro Suarez-Pierre, MD; Todd C. Crawford, MD; Xun Zhou, MD; Charles D. Fraser, MD; Cecillia Lui, MD; Rishi Sharma, PhD; Rangaramanujam Kannan, PhD; William A. Baumgartner, MD; Kaushik Mandal, MD; Christopher M. Sciortino, MD, PhD; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Oxidative Stress Evoked by Coronary Artery Bypass Grafting Elucidated by Urinary Biopyrrin

Masaki Yamamoto, MD, PhD; Nobuo Kondo, MD; Miwa Tashiro, MD; Kazuhiro Hanazaki, MD, PhD; Kazumasa Orihashi, MD, PhD; Tokio Yamaguchi, PhD; *From Kochi Medical School, Nankoku, Japan*

Esophageal Replacement Following Gastric Devascularization Is Safe but May Not Decrease

Anastomotic Complications of a Cervical Anastomosis
Nader Hanna, MD; Boris Zevin, MD, PhD; Jennifer Bunn, HBSc; Zuhair M. Mir, MD; Wiley Chung, MD; *From Queen's University, Kingston, Ontario*

Postoperative Complications after Lung Resections in a Community Hospital

Magali A. Belen Pereiro, MD; Javier Ansedo, MD; Eugenia L. Di Pietro, MD; *From Hospital Español de Buenos Aires, Buenos Aires, Argentina*

Microdevice Placement for Precision-Based Lung Cancer Therapy for Patients Undergoing Surgical Resection

Kathleen D. Weiss, MD; David A. Mahvi, MD; Ngoc-Quynh T. Chu, MD; Oliver Jonas, PhD; Yolonda L. Colson, MD, PhD; *From Brigham and Women's Hospital, Boston, MA*

Station 5**Bariatric/Foregut, Health Services Research****MODERATORS:**

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*
Neil D. Ghushie, MD, FACS, *Weymouth, MA*

Intra-Departmental Ranking of Surgical Performance: Feasibility of Physician Level Reporting

Jeffrey J. Aalberg, MPH; Reba Miller, MBA; Danyelle N. Gowie, MPH; Celia M. Divino, MD, FACS; *From Mount Sinai Hospital, New York, NY*

Enhanced Recovery after Colorectal Surgery: The Effect of Age on Hospital Stay and Readmission Rate

Kunal Shetty, MRCS, PhD; Joseph PM. Ellul, MCh, FRCS; *From King's College Hospital NHS Foundation Trust, London, United Kingdom*

Patient Perceptions of Health Care Utilization after Colorectal Surgery

Stephanie Lumpkin, MD; Paul Mihas, MA; Karyn B. Stitzenberg, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

An Exploratory Study of Factors Influencing Surgery Scheduled Length, Deviations from Scheduled Length, and the Impact of Length of Stay

Phillip Phan, PhD; Soo-Hoon Lee, PhD; Tinglong Dai, PhD; Nehama Moran, RN; Vinosh J. Mathuranayagam, MSE; Jerry Stonemetz, MD; *From Johns Hopkins University, Baltimore, MD, Old Dominion University, Norfolk, VA*

Prophylactic Antibiotic Bundle Compliance Does Not Predict Surgical Site Infections: An Artificial Neural Network

Steven Walczak, PhD; Marbelly P. Davila, PhD; Vic Velanovich, MD; *From University of South Florida, Tampa, FL, Tampa General Hospital, Tampa, FL*

Impact of Rapid Weight Loss in Glycemic Control in a Morbidly Obese Population following Bariatric Surgery

David Romero Funes, MD; David Gutierrez Blanco, MD; Camila Ortiz Gomez, MD; Francisco A. Ferri, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL*

Preoperative Testing for Smoking among Candidates for Bariatric Surgery

Johanne Gormsen, MS; Frederik Helgstrand, MD, DMSc, FACS; Flemming Hjørne, MD; *From Zealand University Hospital, Køge, Denmark*

Pathologic Review of 1,194 Gastric Remnants following Laparoscopic Sleeve Gastrectomy

Camila Ortiz Gomez, MD; David Romero Funes, MD; Nader Estfanous, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL*

Differences in Marginal Ulcer (MU) Complications among Laparoscopic vs. Robotic-Assisted Roux-en-Y Gastric Bypass (RYGB)

Tiffany Cheung; Paul Stetsyuk, DO; Andrew B. Lederman, MD; *From Berkshire Medical Center, Pittsfield, MA*

Gastrostomy Complications Can Be Successfully Managed by Endoscopic Revision

Ryan M. Juza, MD; Justin A. Doble, MD; Eric M. Pauli, MD, FACS, FASGE; *From Penn State Milton S. Hershey Medical Center, Hershey, PA*

Is Histopathology Needed after Sleeve Gastrectomy?

Bassem A. Hussein, MD; Ali Khammas, MD; Juanita Anglo, MD; Alya Al Mazrouei, MD; Faisal Badri, MD; *From Rashid Hospital-Dubai Health Authority, Dubai, United Arab Emirates*

Metabolic Syndrome and Short-Term Postoperative Complications in Bariatric Surgery: The Whole Is Not Always Greater Than the Sum of Its Parts

Amlish B. Gondal, MD; Chiu-Hsieh Hsu, PhD; Muhammad Zeeshan, MD; Mohammad Hamidi, MD; Iman Ghaderi, MD, MSc, FACS, FRCSC; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

The Role of Helicobacter Pylori Infection in Laparoscopic Sleeve Gastrectomy Outcomes

Cristian Milla-Matute, MD; Maria C. Fonseca, MD; David Gutierrez Blanco, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL*

Modified Method of Non-Exposure Laparoscopic and Endoscopic Cooperative Surgery Facilitated by Submucosal Saline Cushion

Fion Siu-Yin Chan, MB, BS, FRCS; Joe King-Man Fan, MB, BS, MS-HKU; Ian Yu-Hong Wong, MB, BS; Jianwen Liu, MD; Simon Law, MBBChir, MS, PhD, FRCSEd, FCSHK, FHKAM, FACS; *From Queen Mary Hospital, The University of Hong Kong, Hong Kong, China, The University of Hong Kong-Shenzhen Hospital, Shenzhen, China*

Station 6**Global Surgery/Humanitarian Outreach****MODERATORS:**

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*
Thavam C. Thambi-Pillai, MBBCh, FACS, *Sioux Falls, SD*

The Bolivian Trauma Patient's Experience: A Qualitative Needs Assessment

Jordan M. Rook; Marissa A. Boeck, MD, MPH; Ethan Wood; Kevin J. Blair, MD; Alexa Monroy, MD; Esteban Foianini, MD; David Victorson, PhD; Mamta Swaroop, MD, FACS; *From Northwestern University, Chicago, IL*

Moving Mountains: How Mobile Surgery Is Overcoming Barriers to Timely Surgical Care

Grace Pyon, MD; Erica W. Chan, MD; Blasco Guzhñay, MD; Anita L. Vicuña, MD; Joseline N. Ordoñez, MD; Sudha P. Jayaraman, MD, MSc, FACS; Michel B. Aboutanos, MD, MPH, FACS; Edgar B. Rodas, MD; *From Virginia Commonwealth University School of Medicine, Richmond, VA, Cinterandes Foundation, Cuenca, Ecuador, Universidad del Azuay, Cuenca, Ecuador*

Teaching B-Con in Sierra Leone during a Short-Term Surgical Mission: A Unique Opportunity to Stop the Bleed®

Peter F. Johnston, MD; Samba Jalloh, MD; Vennila Padmanaban, MD; Rolando G. Valenzuela, MD, DTMH; Ashley Tran; Adam D. Fox, DO, FACS; Ziad C. Sifri, MD, FACS; *From Rutgers New Jersey Medical School, Newark, NJ, College of Medicine and Allied Health Sciences, Freetown, Sierra Leone, Stony Brook University Medical Center, Stony Brook, NY*

Global Barriers to Undergoing Surgery

Nidhi Desai; Andrew M. Fleming; Theresa Borcky; Martin D. Fleming, MD; *From University of Tennessee Health Sciences Center, Memphis, TN*

Use of Social Media among Surgeons in West Africa

Emmanuel O. Abara, MD, FACS; John O. Olatosi, MD; Ndidi O. Abara, MD; *From Northern Ontario School of Medicine, Thunder Bay, Ontario, Richmond Hill Urology Practice and Prostate Institute, Richmond Hill, Ontario*

Insights from 2017 Central Mexico's Earthquake: What Can Rescue Teams Teach Us for Survival?

Guido Sanchez-Coello, EMT; Armando Torres-Gomez, MD, MSc, FACS; *From Escuadron de Rescate y Urgencias Medicas, CDMX, Mexico City, Mexico, Centro Medico ABC, Mexico City, Mexico, American College of Surgeons, Mexico City Chapter, Mexico City, Mexico*

Risk Factors for Inpatient Mortality among Fall Patients in Sub-Saharan Africa

Avital N. Yohann, MD; Trista Reid, MD, MPH; Paula D. Strassle, MSPH; Charles Gaber, MPH; Anthony G. Charles, MD, FACS; Rebecca Maine, MD, MPH; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Capacity for Pediatric Burn Management in 57 Low- and Middle-Income Countries: An Evaluation Using the World Health Organization's Surgical Assessment Tool

Imogen K. Thomson, BBMed; Simeon H.S. Innocent, MA, MPhil; Katherine R. Iverson, MD, MPH; Walter D. Johnson, MD, FACS; *From World Health Organization, Geneva, Switzerland*

Global Surgery Training: A Prototype for a Core International Surgery Residency Rotation

Alicia N. Teferi, MD; Ryan A. Hayton, MD; Arega Fekadu, MD, FCS-ECSA; Cassandra Graybill, MD; Dustin K. Donley, MD; Leilani R. O'Neill, C-TAGME; Richard H. Hart, MD, DrPH; Carlos A. Garberoglio, MD, FACS; Mark E. Reeves, MD, PhD, FACS; *From Loma Linda University Health, Loma Linda, CA, Malamulo Adventist Hospital, Malamulo, Malawi*

Mortality Following Mass-Casualty Incidents in Sub-Saharan Africa

Jennifer A. Kincaid, MD; Gift Mulima, MB, BS, FCS (ECSA); Anthony G. Charles, MD, FACS; Rebecca Maine, MD, MPH; *From University of North Carolina, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi, Thomas Jefferson University, Philadelphia, PA*

Sex Disparities in Access to Surgical Care in Sub-Saharan Africa

Joanna Grudziak, MD; Chifundo Kajombo, MB, BS, FCS; Anthony G. Charles, MD, FACS; Rebecca Maine, MD, MPH; Trista Reid, MD, MPH; *From University of North Carolina, Chapel Hill, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Patient Satisfaction with Mobile Surgical Services

Erica W. Chan, MD; Grace Pyon, MD; Blasco Guzhñay, MD; Anita L. Vicuña, MD; Joseline N. Ordoñez, MD; Sudha P. Jayaraman, MD, MSc, FACS; Michel B. Aboutanos, MD, MPH, FACS; Edgar B. Rodas, MD; *From Virginia Commonwealth University School of Medicine, Richmond, VA, Cinterandes Foundation, Cuenca, Ecuador, Universidad del Azuay, Cuenca, Ecuador*

Creating an International Student-Run Global Surgery Research Initiative: Utilization of a Global Passionate Research Workforce

Katayoun S. Madani, MS; Zineb Bentounsi; Dominique Vervoort, MD; *From International Student Surgical Network, Sint Truiden, Belgium*

Wednesday, October 24

SF312 | 9:45-11:15 AM

e-Poster Rounds V

LOCATION: 253ABC

Station 1

Surgical Education

MODERATORS:

John R. Potts, MD, FACS, *Chicago, IL*
Jesse Clanton, MD, *Charleston, WV*

General Surgery Residency Training No Longer Provides Sufficient Operative Case Numbers to Confer Proficiency in Vascular Trauma

Michael S. Clemens, MD; Zachary M. Arthurs, MD; Marlin W. Causey, MD; Joseph J. DuBose, MD, FACS; Todd E. Rasmussen, MD; Brandon W. Propper, MD; *From San Antonio Military Medical Center, San Antonio, TX*

A Multicenter Qualitative Analysis of the Impact of Advanced Practice Providers Surgical Training

Ravinder Kang, MD, MS; Jesse A. Columbo, MD; Ryland S. Stucke, MD; Kari M. Rosenkranz, MD; Philip P. Goodney, MD, MS; *From Dartmouth Hitchcock Medical Center, Lebanon, NH, Dartmouth University, Hanover, NH, VA Outcomes Group, Veterans Health Association, White River Junction, VT*

Finding Patterns of Events in Laparoscopic Roux-en-Y Gastric Bypass with Machine Learning Techniques

Lauren Gordon, MD, MSc; Frank Rudzicz, PhD; Teodor P. Grantcharov, MD, FACS; *From University of Toronto, Toronto, Ontario*

Surgeon Burnout: Implementation of a Wellness Curriculum to Support General Surgery Residents: A Preliminary Assessment

Ankit Patel, MD; Lauren N. DeCaporale-Ryan, PhD; Michael R. Privitera, MD; Christina Cellini, MD, FACS; *From University of Rochester, Rochester, NY*

An Evidence-Based Approach to Harmonize Core Performance Outcomes in Undergraduate

Simulation-Based Education: The Integrated Generation 4 (iG4) Model

John Hanrahan; Iakovos Theodoulou; Nikolaos Staikoglou, MD; Ismini M. Tsagkarakis; Terouz Pasha, MSc; Aris Plastiras, MD; Georgios Tsoulfas, MD; George C. Velmahos, MD, PhD; Michail Sideris, PhD; Apostolos Papalois, PhD; *From Institution Experimental Research Centre ELPEN, Athens, Greece, King's College London, London, United Kingdom*

Standardizing Undergraduate Nontechnical Skills

Learning Strategies and Outcomes: A Systematic Review

Marios Nicolaides; Luca Cardillo, iBSc; Iakovos Theodoulou, iBSc; John Hanrahan; Georgios Tsoulfas, MD, FACS; Thanos Athanasiou; Apostolos Papalois, PhD; Michail Sideris, PhD; *From Queen Mary University of London, London, United Kingdom*

A Randomized Crossover Study in Novices to Evaluate Surrogate Variables for Stress Provoked by Laparoscopic Suture Training in a High-Fidelity Simulator Using Different Laparoscopic Handles

Markus Castegren, MD, PhD; Konstantinos Georgiou, MD; Nikolaos V. Michalopoulos, MD, MSc, PhD; Andreas Larentzakis, MD, MSc, PhD; Markus Castegren, MD, PhD; Lars Enochsson, MD, PhD; *From University of Athens, Greece, Athens, Greece*

How Resilient Are General Surgery Residents?

Jennifer A. Kalil, MD; Melissa K. Johnson, MD; Jennifer Poirier, PhD; Edie Y. Chan, MD, FACS; *From Rush University Medical Center, Chicago, IL, University of South Dakota, Sioux Falls, SD*

Hemorrhage Control Training for Medical Students: Implementation of the American College of Surgeons Stop the Bleed® Training at Vanderbilt University School of Medicine

Kathleen C. Gallagher; Parker T. Evans; Jesse P. Robinette; Catherine S. Wilson, MSN, RN; Melissa Smith, MSN, RN; Richard S. Miller, Jr., MD, FACS; Oscar D. Guillaumondegui, MD, MPH, FACS; Bradley M. Dennis, MD, FACS; *From Vanderbilt University Medical Center, Nashville, TN*

Use of a Novel Wellness Monitoring Tool in a Large Surgical Residency

Audra T. Clark, MD; Shannon A. Scielzo, PhD; Abier A. Abdelnaby, MD; Deborah E. Farr, MD; Rachael Lefevre; Lisa W. Bailey; Salahuddin Kazi, MD; Kareem R. AbdelFattah, MD; *From University of Texas Southwestern, Dallas, TX*

Assessing Procedural Competence Across the Educational Continuum: Development and Validation of a Central Venous Catheter Assessment Tool

John J. Nguyen-Lee, MD; Stephanie Zajac, PhD; Aman B. Ali, MD; Mukhtar Al-Saadi, MD; Robert A. Ochoa, Jr., MD, FACS; Faisal N. Masud, MD; Sylvia Martinez, MD, FACS; Atiya F. Dhala, MD, FACP; Barbara Lee Bass, MD, FACS, FRCS(Hon); Brian J. Dunkin, MD; *From Houston Methodist Institute Technology, Innovation & Education, Houston, TX, Houston Methodist Hospital, Houston, TX*

Appendectomy as a Learning Tool for Residents in Emergency Surgery

Alessandro Ussia, MD; Samuele Vaccari, MD; Maurizio Cervellera, MD; Marica Melina, MD; Noemi Zorzetti, MD; Manuela Brighi, MD; Angela Belvedere, MD; Valeria Tonini, MD; *From Università di Bologna, Bologna, Italy*

The Importance of Academic Achievements and Candidate Performance during the Interview in the Ranking Process

Saad Shebrain, MBBCh, MMM, FACS; Steven Z. Lu, DO; David Schutter, MD; *From Western Michigan University, Kalamazoo, MI*

Evaluating Barriers to Surgeon Scientists Participating in Basic Science Research

Devon Livingston-Rosanoff, MD, PhD; Susan Thibeault, PhD; Angela Gibson, MD, PhD; *From University of Wisconsin, Madison, WI*

Video Context Improves Performance in Identifying Operative Planes on Static Surgical Images

Khalid N. Alsowaina, MD; Seyed Farokh Atashzar, PhD; Roy Eagleson, PhD, PEng; Rajni V. Patel, PhD; Jeffrey D. Hawel, MD, FRCSC; Nawar A. Alkhamesi, MD, PhD, FACS, FRCS, FRCSEd, FRCSC; Christopher M. Schlachta, MD; *From Canadian Surgical Technologies and Advanced Robotics, London, Ontario*

Station 2

Surgical Education

MODERATORS:

Paul J. Schenarts, MD, FACS, *Omaha, NE*
Candice A. M. Sauder, MD, *Sacramento, CA*

Falling through the Cracks: A Qualitative Analysis of Leadership Development in Surgical Residency

Calista M. Harbaugh, MD; Joceline V. Vu, MD; Meredith Barrett, MD; Michael J. Englesbe, MD, FACS; Gurjit Sandhu, PhD; Justin B. Dimick, MD, MPH; *From University of Michigan, Ann Arbor, MI*

An Evaluation of the Impact and Usefulness of Student-Led Surgery Interest Group

Michael R. Otten; Laura E. Newton; Marissa B. Lobl; Mark D. Ringle; Abbey L. Fingeret, MD; *From University of Nebraska Medical Center, Omaha, NE*

Selection of and Retention in Surgical Specialty during Early Career in Japan

Yasuko Tomizawa, MD; Satoru Miyazaki, PhD; Takako Matsumoto, MD; Yoshio Uetsuka; *From Tokyo Women's Medical University, Tokyo, Japan*

The Neural Correlates of Stress Resilience in the Operating Room

Hemel N. Modi, MB, BS, MRCS, MEd; Harsimrat Singh, PhD; Guang-Zhong Yang; Ara W. Darzi, MD, FRS; Daniel R. Leff, PhD, FRCS, MS; *From Imperial College London, London, United Kingdom*

Implementation of Operating Room Scrub Training Course Dramatically Increases Enrollment in Medical School Surgery Interest Group

Trevor C. Hunt; Ryan Accomazzo; Gabriel G. Gaweda; Mitchell G. Nash; John Hurley; Carl E. Haisch, MD, FACS; *From The Brody School of Medicine, Greenville, NC*

Assessing Competency in Central Venous Catheter Placement: Development and Validation of a Multiple-Choice Question Assessment

Aman B. Ali, MD; Stephanie Zajac, PhD; John J. Nguyen-Lee, MD; Mukhtar Al-Saadi, MD; Robert A. Ochoa, Jr., MD, FACS; Faisal N. Masud, MD; Sylvia Martinez, MD, FACS; Atiya F. Dhala, MD, FACP; Barbara Lee Bass, MD, FACS, FRCS(Hon); Brian J. Dunkin, MD; *From Houston Methodist Hospital, Houston, TX, Methodist Institute for Technology, Innovation & Education, Houston, TX*

Novel Simulation Curriculum to Teach Surgical Drain Management

Nicole Siparsky, MD; Aleksandra Wojtowicz; Benjamin R. Veenstra, MD; Andrea Madigrano, MD, FACS; Jose M. Velasco, MD, FACS, FCCM; *From Rush Medical College, Chicago, IL*

Effect of a Question-Based Review Curriculum on Pediatric Surgery In-Training Examination Scores

Chinwendu Onwubiko, MD, PhD; Robert T. Russell, MD, MPH; David A. Rogers, MD, FACS; Mike K. Chen, MD, FACS; Elizabeth A. Beierle, MD, FACS; Colin A. Martin, MD, FACS; Beverly E. Chaignaud, MD; Scott A. Anderson, MD, FACS; Vincent E. Mortellaro, MD; *From Children's of Alabama, University of Alabama at Birmingham, Birmingham, AL*

Occupational Injuries among Physicians and Surgeons: Do We Need an Ergonomics Intervention?

Amanda R. Sergesketter; Kate B. Krucoff, MD; Scott T. Hollenbeck, MD, FACS; *From Duke University Medical Center, Durham, NC*

Comparison between Three Models for Training in Superficial Wound Closure

Alan I. Valderrama Treviño, MD; Jesus C. Ceballos Villalva, MD; Juan J. Granados Romero, MD; *From Universidad Nacional Autonoma de Mexico, Mexico City, Mexico*

Does the Influence of Emotional Intelligence in Surgical Residents Extend to Patient Outcomes?

Margaux N. Mustian, MD; Samantha Baker, MD; Lauren E. Goss, MSPH; Joshua S. Richman, MD, PhD; Daniel I. Chu, MD, FACS, FASCRS; Melanie S. Morris, MD; Brenessa Lindeman, MD, MEHP; *From University of Alabama at Birmingham, Birmingham, AL*

Medical Student Mistreatment: Coping Strategies and Resilience on the Surgery Clerkship

Brittany N. Hasty, MD; Sylvia Bereknyei Merrell, DrPH, MS; Elena C. Brandford, MD; Edmund W. Lee, MD; James N. Lau, MD, FACS, MHPE; *From Stanford University, Stanford, CA*

Reducing Opioid Overprescribing: The Impact of an Education Initiative within a General Surgery Residency Program

Aska Arnautovic, MD; Shabnam Hafiz, MD, MPH; Tyler Holliday, MD; Ayalivis De La Rosa; Kevin G. Handy, MD; Shima C. Fitzgibbons, MD, MEd; *From Medstar Georgetown University Hospital, Washington, DC, Medstar Washington Hospital Center, Washington, DC*

Striking a Balance: Using Honors Criteria to Incentivize Desired Behaviors in Surgery Clerkship Students

Sabah Akbani; Anish Patel; Kevin F. Elwood; Stephanie B. Corliss, PhD; Kim M. Brown, MD, FACS; *From University of Texas at Austin, Austin, TX*

Station 3

Colon and Rectal Surgery

MODERATORS:

Joel E. Goldberg, MD, FACS, *Needham, MA*
Pasithorn A. Suwanabol, MD, *Ann Arbor, MI*

Comparison of Short-Term Outcomes after Laparoscopic and Open Ileal Pouch Anal Anastomosis for Colonic Polyposis

H. Hande Aydinli, MD; Hasan T. Kirat, MD; Patricio B. Lynn, MD; Michael J. Grieco, MD, FACS; Feza H. Remzi, MD, FACS; *From New York University Langone Medical Center, New York, NY*

Diagnosis and Surgical Management of Enterovesical Fistulas in Crohn's Disease in the Biologic Era: A Multi-Institutional Analysis

Nicholas P. McKenna, MD; Kellie L. Mathis, MD; Elizabeth B. Habermann, PhD, MPH; Amy L. Lightner, MD; *From Mayo Clinic, Rochester, MN*

Robotic Rectal Resection for Cancer with the da Vinci SI and XI: A CUSUM and Costs Analysis

Gregorio Di Franco, MD; Matteo Palmeri, MD; Niccolò Furbetta, MD; Matteo Bianchini, MD; Simone Guadagni, MD; Desiree Gianardi, MD; Valentina Lorenzoni, PhD; Franco Mosca, MD, FACS; Giuseppe Turchetti, PhD; Luca Morelli, MD, FACS; *From University of Pisa, Pisa, Italy, Scuola Superiore Sant'Anna, Pisa, Italy*

Failure to Rescue as a Source of Variation in Hospital Mortality after Rectal Surgery: The Italian Experience

Gaya Spolverato, MD; Nicola Gennaro, ScD; Manuel Zorzi, MD; Salvatore Pucciarelli, MD; *From University of Padova, Padova, Italy, Azienda Zero, Padova, Italy*

Colorectal Postoperative Infective Complications Worsen Oncological Outcomes: A Meta-Analysis

Jack Lawler; Katie Bailey; Úna A. Maguire; Michelle S. Choynowski, MBBCh, BAO; Michael Sugrue, MBBCh, BAO, MD, FRCSI, FRACS; Alison Johnston, MSc; *From Donegal Clinical Research Academy, Letterkenny, Ireland*

A Protocol-Driven Reduction in Surgical Site Infections after Colon Surgery

Carolina Martinez, MD; Nkechinye P. Omesiete, MD; Viraj Pandit, MB, BS; Yadira Villalvazo, MS; Meleesa Nocera; Elishia L. Thompson; Valentine N. Nfonso, MD, FACS; *From University of Arizona, Tucson, AZ*

Predictors of Readmission following Proctectomy for Rectal Cancer

Emer O'Connell, MB; Vincent Healy, MBBCh, BAO, MCh; Fidelma Fitzpatrick, MD; Caitriona Higgins, PGDip; John P. Burke, MBBCh, BAO, PhD, FRCSI; Deborah A. McNamara, MD, FRCSI; *From Beaumont Hospital, Dublin, Dublin, Ireland, Royal College of Surgeons in Ireland, Dublin, Ireland*

Accuracy of Computed Tomography Scans in Excluding Colon Adenocarcinoma in the Setting of an Acute Diverticulitis Diagnosis

Christina V. Warner, MD; Sandra Naffouj, MD; Saleh M. Eftaiha, MD; Jacqueline L. Harrison, MD, FACS; Anders F. Mellgren, MD, PhD, FACS; Johan Nordenstam, MD, PhD; Slawomir J. Marecik, MD, FACS; Kunal Kochar, MD; John J. Park, MD, FACS, FASCRS; *From Advocate Lutheran General Hospital, Park Ridge, IL, University of Illinois at Chicago, Chicago, IL, John H. Stroger Cook County Hospital, Chicago, IL*

Gut Dysfunction as Etiology for Prolonged Length of Stay after an Enhanced Recovery Program Implementation

Daniella M. Di Nizo, MD, MPH; Alexander T. Hawkins, MD, MPH; John W. Stokes, MD; Timothy M. Geiger, MD, FACS; Jonathan P. Wanderer, MD, MPhil; Matthew D. McEvoy, MD; *From Vanderbilt University Medical Center, Nashville, TN*

Polypectomy by Laparoscopy-Assisted Colonoscopy: A Game Changer

Raffaele Di Zazzo; Madeleine Poirier, MD; Jean-Sébastien Trépanier, MD; Jean-François Tremblay, MD; Jean-François Latulippe, MD; Yves Bendavid, MD; Margaret Henri, MD, FACS, FRCSC; *From University of Montreal, Montreal, Quebec, Maisonneuve-Rosemont Hospital, Montreal, Quebec*

Enhanced Recovery for Colectomy: Discharge One Day after Surgery: How Low Can We Go?

Micheal Watson, MD; Nicole Gower; Bryanna Sierra; Jonathan C. Salo, MD; Joshua S. Hill, MD; *From Carolinas Healthcare System, Charlotte, NC*

Is Prophylactic Mesh Closure Effective to Decrease the Incidence of Incisional Hernia after Laparotomy in Colorectal Surgery?

Oscar Cano-Valderrama, MD, PhD; Inmaculada Domínguez-Serrano, MD, PhD; Rodrigo Sanz-López, MD; Mauricio García-Alonso, MD, PhD; Mariela Florez, MD; Mikel Rojo, MD; Santiago Alonso-Lera, MD; Fernando Esteban, MD, PhD; Antonio J. Torres, MD, FACS; *From Hospital Universitario Clínico San Carlos, Madrid, Spain*

Abdominal Ultrasound in the Evaluation of Acute Diverticulitis: Preliminary Results

Mauro Zago, MD, FACS, FEBS; Gabriele Bellio, MD; Alan Biloslavo, MD, FACS; Diego Mariani, MD; Samantha Bozzo, MD; Maria A. Pestalozza, MD; *From Policlinico San Pietro di Bergamo, Bergamo, Italy, Cattinara Hospital, Trieste, Italy, Humanitas Research Hospital, Rozzano (MI), Italy*

Negative Pressure Wound Therapy Is Beneficial in the Treatment of Pilonidal Disease

Elisa Bianchi, MD; Jason Lei, MD; Titilayo Adegboyega, MD; Shirley S. Shih, MD; Marco Berrones, PA-C; Shawnee Purdy, NP; David E. Rivadeneira, MD, MBA, FACS, FASCRS; *From Huntington Hospital/Northwell Health System, Huntington, NY*

Robotic Left Colectomies Are Cheaper with Better Short-Term Outcomes Compared with Laparoscopic Approach

Laila Rashidi, MD; Omar Nunez-Lopez, MD; Aakash H. Gajjar, MD; *From University Texas Medical Branch-Galveston, Galveston, TX*

Station 4 Trauma

MODERATOR:

Patricia R. Ayoung-Chee, MD, MPH, FACS, *Brooklyn, NY*

Self-Inflicted–Stab Wounds: A Single-Center Experience from 2010-2016

Jessica Schucht, MD; Neal Bhutiani, MD; Brian P. Strollo, MD; Keith R. Miller, MD; Matthew V. Bennis, MD; Nicholas A. Nash, MD; Glen A. Franklin, MD; Jason W. Smith, MD, FACS; Brian G. Harbrecht, MD, FACS; Matthew C. Bozeman, MD; *From University of Louisville, Louisville, KY*

Implementation of the American College of Surgeons Committee on Trauma Trauma Team Activation Criteria at a Level II Trauma Center Improves Under-Triage for Severely Injured Patients

Alicia A. Heelan Gladden, MD; Erik D. Peltz, DO, FACS; Robert C. McIntyre, Jr., MD, FACS; Stephanie Vega, MBA, RN; Catherine G. Velopoulos, MD, MHS, FACS; Regina V. Krell, RN, CEN, TCRN; Lisa Ferrigno, MD, MPH, FACS; Franklin L. Wright, MD; *From University of Colorado, Aurora, CO*

Modeling the Effects of Human Neutrophil Elastase on Coagulation Failure and Fibrinolysis

Christopher D. Barrett, MD; Molly A. Bird; Hunter B. Moore, MD, PhD; Ernest E. Moore, MD, FACS; Michael B. Yaffe, MD, PhD, FACS; *From Massachusetts Institute of Technology, Cambridge, MA, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, University of Colorado Denver, Denver, CO*

Nationwide Outcomes and Risk Factors for Reinjury after Penetrating Trauma

Joshua Parreco, MD; Marie L. Crandall, MD, MPH; David Ebler, MD; Nicholas Namias, MD, MBA, FACS, FCCM; Rishi Rattan, MD; *From University of Miami, Miami, FL, University of Florida, Jacksonville, FL*

Impact of Gender on Mobility and Mortality after Hip Fractures in the Elderly: A 5-year Retrospective Review

Thao Wolbert, MD; Rahman Barry, MD; Farid Mozaffari, MD, FACS; Peter D. Ray, MD; David A. Denning, MD, FACS; Rebecca S. Wolfer, MD, FACS; *From Marshall University, Huntington, WV*

Association between Timing of Traumatic Thoracic Aortic Injury Repair and Outcome: A National Trauma Databank® (NTDB®) Study

Mahdi Malekpour, MD; James T. Dove; Jeffrey L. Wild, MD, FACS; Ksenia Orlova, MD, PhD; *From Geisinger Medical Center, Danville, PA*

Racially Divergent Trends in Fatal and Non-Fatal Firearm Injuries in Miami-Dade County

Alexandra DeBose-Scarlett; Anish B. Padiadpu, MB, BS; Sarah A. Eidelson, MD; Michelle B. Mulder, MD; Roderick K. King, MD, MPH; Justin Stoler, PhD, MPH; Rishi Rattan, MD; Davel M. Milian Valdés, MD; Tanya L. Zakrison, MD, MPH, FACS; *From University of Miami, Miami, FL*

Should All Elderly Trauma Patients Be Admitted Directly to a Level I Trauma Center?

Kartik Prabhakaran, MD, MHS, FACS; Elizabeth H. Tilley, PhD; David J. Samson, MS; Jorge Con, MD, FACS; Patrice L. Anderson, MD; Hasanat Alamgir, PhD; Rifat Latifi, MD, FACS; *From Westchester Medical Center, Valhalla, NY, New York Medical College, Valhalla, NY*

Stop the Bleed®: Is Mass Education the Best Approach?

Amirreza T. Motameni, MD; Annabelle I. Pike, MBA; William I. McKinley; Kimberley R. Denzik, MSN, RN; Glen A. Franklin, MD; Matthew V. Benms, MD; Jason W. Smith, MD; Keith R. Miller, MD; Brian G. Harbrecht, MD, FACS; *From University of Louisville, Louisville, KY*

Predictors of Withdrawal of Life Support after Burn Injury

Colleen N. Bartley, MD; Kenisha D. Atwell, MD; Anthony G. Charles, MD, FACS; *From University of North Carolina, Chapel Hill, NC*

An Examination of Postoperative Pediatric Follow-Up after a Penetrating Traumatic Injury at an Urban Trauma Center

Gabriel M. Siegel; Timothy K. Lee; Connor Wakefield; Aaron Z. Katrikh, MS; Daniel Webster; Joshua E. Insler; Jennifer Poirier, PhD; Justin Mis, RN; Ami Shah, MD; Matthew Kaminsky, MD; *From Rush Medical College, Chicago, IL, John H. Stroger Hospital, Chicago, IL*

Mindfulness as an Intervention in Patients Admitted after Multisystem Trauma

Elizabeth Clement, MSc, MD; Bonnie Tsang, MD, FRCSC; Vanessa J. Fawcett, MD, MPH, FRCSC; Michael J. Kim, MD, MA, FRCSC; Sandy Widder, MD, FACS; *From University of Alberta, Edmonton, Alberta*

Prehospital Criteria Identifies Trauma Patients More Likely to be Under-Triaged to a Lower Trauma Activation Level

Sawyer G. Smith, MD; Elizabeth N. Dewey, MS; Lynn S. Eastes, RN, MS, ACNP-BC; Martin A. Schreiber, MD; *From Oregon Health & Science University, Portland, OR*

Station 5**Trauma****MODERATORS:**

Marcus K. Hoffman, MD, Houston, TX

Body-Mass Index in Trauma Patients: Is There a Relationship between Obesity and Injury Patterns?

W. T. Hillman Terzian, MD; Alyssa M. Green, MD; Franz S. Yanagawa, MD; Ashley Jordan, MD; Jacqueline Seoane; Colleen D. Taylor; Elizabeth McCarthy; Stanislaw P. Stawicki, MD, MBA; *From St. Luke's University Health Network, Bethlehem, PA, Temple University, Philadelphia, PA, West Chester University, West Chester, PA*

Disparities in the Most Vulnerable Population: Risk Factors for Mortality and Length of Stay in Pediatric Gunshot Wounds

Douglas James, MD; Gainosuke Sugiyama, MD, FACS; Koby Herman, MD; Valery Roudnitsky, MD; Muthukumar Muthusamy, MD; Paul J. Chung, MD; *From State University of New York Downstate Medical Center, Brooklyn, NY, Hofstra Northwell School of Medicine, Hempstead, NY, Coney Island Hospital, Brooklyn, NY*

Language and Trauma: Is Care Equivalent for Those Who Do Not Speak English?

Meghan E. Garstka, MD; Alison A. Smith, MD, PhD; Tyler Zeoli; Peter Siyahhan Julnes; Chrissy Guidry, DO; Patrick McGrew, MD; Clifton McGinness, MD; Douglas P. Slakey, MD, MPH; Juan Duchesne, MD; Rebecca W. Schroll, MD, FACS; *From Tulane University School of Medicine, New Orleans, LA*

Outcomes and Costs of Care of the Selective Management of Anterior Abdominal Stab Wounds: A Single-Center Experience

Kelvin P. Noronha; Bedabrata Sarkar, MD, PhD; Rachel E. Raubenhold; George Kasotakis, MD, MPH; Sabrina E. Sanchez, MD, MPH; Tejal S. Brahmbhatt, MD; Eric J. Mahoney, MD, FACS; Peter A. Burke, MD, FACS; Chaitan K. Narsule, MD, FACS; *From Boston University, Boston, MA, Lahey Hospital and Medical Center, Burlington, MA, Tufts Medical Center, Boston, MA*

Can a Single Lateral Cervical Spine Radiograph Diagnose Traumatic Neck Injuries in Children?

Erika B. Lindholm, MD; Archana Malik, MD; Tara Mamdouhi; Lauren Alper; Teerin Meckmongkol, MD; Autumn D. Nanassy, MA; Sean S. Ciullo, MD; Grier Arthur, MD; Rajeev Prasad, MD, FACS; Harsh Grewal, MB, BS, FACS; *From St. Christopher's Hospital for Children, Philadelphia, PA*

Alcohol Intoxication and Burn Injury Outcomes: A Propensity Score Analysis

Laquanda Knowlin, MD; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MD, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Trauma Video Review: A Look at Time Performance in Level I Traumas

Steven D. Gurien, MD; Matthew A. Bank, MD, FACS; Cristy Meyer, RN, MSN, CEN, TCRN; Annemarie Glazer, RN, MBA, NHDP-BC, TCRN; Maria Sfakianos, MD; *From Northwell Health, Manhasset, NY*

Time Spent at Outlying Hospitals Prior to Transfer Is Not Associated with Poor Outcomes in Trauma Patients

Sarah Couch, MD; William I. McKinley; Megan K. Mercer; Amirreza T. Motameni, MD; Nicholas A. Nash, MD; Brian G. Harbrecht, MD; Matthew V. Benms, MD; Keith R. Miller, MD; *From University of Louisville, Louisville, KY*

Higher Blood Alcohol Levels Are Associated with a Lower Injury Severity Score among Intoxicated Trauma Patients

Nikathan S. Kumar, MS; Matthew K. McIntyre; Elizabeth H. Tilley, PhD; David J. Samson, MS; Rifat Latifi, MD, FACS; *From New York Medical College, Valhalla, NY, Westchester Medical Center, Valhalla, NY*

Management and Outcomes of Traumatic Spondylopelvic Dissociation: A Systematic Review and Meta-Analysis

Daniel Li; Aditya Madmazar; Andrew Bi; Matthew Genet; Elan Volchenko; Bennet A. Butler, MD; *From Northwestern University, Chicago, IL*

Evaluation of Which Isolated Facial Trauma Needs Transfer to a Tertiary Care Center

Mirza N. Ahmad, MD; Gregory P. Schaefer, DO, FACS; *From West Virginia University, Morgantown, WV*

Minimally Invasive Approach to Identification of Bullet Fragments and Removal

Nir J. Hus, MD, PhD, FACS; *From Delray Medical Center, Delray Beach, FL, Florida Atlantic University, Boca Raton, FL*

Early Detection of Ongoing Hemorrhage via Education and Monitoring Protocols

Phillip D. Smith, MD; Maria Sfakianos, MD; Cristy Meyer, RN, MSN, CEN, TCRN; Annemarie Glazer, RN, MBA, NHDP-BC, TCRN; Kevin Huang, MD; Matthew A. Bank, MD, FACS; *From Hofstra Northwell, Manhasset, NY*

Gastric or Colonic Injury Increases Risk of Empyema Development Following Traumatic Injury of the Diaphragm

Parker J. Hu, MD; Rindi Uhlich, MD; Jeffrey D. Kerby, MD, PhD, FACS; Patrick L. Bosarge, Jr., MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Penetrating Abdominal Stab Wounds: Current Practice and Recommendations

Bassem A. Hussein, MD; Labib Al Ozaibi, MD; Alya Al Mazrouei, MD; Faisal Badri, MD; *From Rashid Hospital- Dubai Health Authority, Dubai, United Arab Emirates*

Station 6**Colon and Rectal Surgery****MODERATORS:**

Jennifer S. Davids, MD, FACS, FASCRS, *Worcester, MA*
Syed G. Husain, MB, BS, *Rochester, NY*

Fat Stranding as a Finding in Computed Tomography Scan and Its Accuracy in Identifying Depth of Tumor Invasion

Marie Abigail C. Chan, MD; Gilmyr Jude G. Maranon, MD; Menandro V. Siozon, MD; *From St. Luke's Medical Centre, Quezon City, Philippines*

Influence of Conversion on Survival in Rectal Cancer Surgery: A Large Retrospective Cross-Sectional Study

Edgar J.B. Furnee, MD, PhD; *From University Medical Center Groningen, Groningen, Netherlands*

Comparing Outcomes in Laparoscopic Abdominoperineal Resection Stratified by Body Mass Index

Matthew Kelley, MD; David N. Blitzer, MD; David Lisle, MD; *From MedStar Health Baltimore, Baltimore, MD*

Bv8, Novel Therapeutic Target for Colorectal Cancer Patient Resistant to Anti-VEGF Treatment

Yoshiro Itatani, MD; *From University of California, San Diego, San Diego, CA*

Evaluation of Colorectal Anastomotic Perfusion by Intraoperative Transanal ICG Infrared Fluorescence Imaging

Hiroyuki Amagai, MD; Hideaki Miyauchi, MD; Yorihiro Muto, MD; Gaku Ohira, MD; Akiko Kagaya, MD; Shunsuke Imanishi, MD; Tetsuro Maruyama, MD; Toru Tochigi, MD; Masaya Uesato, MD; Hisahiro Matsubara, MD; *From Chiba University, Chiba City, Japan*

The Relationship of Age and Body Mass Index to Diverticulitis: Does It Exist?

John Abdelsayed, MD; Whitney Huddleston, MD; Abier A. Abdelnaby, MD; Joselin L. Anandam, MD, FACS; Farshid Y. Araghizadeh, MD, FACS; *From University of Texas Southwestern, Dallas, TX, Parkland Memorial Hospital, Dallas, TX*

Identification of Predictors of Recurrence in Patients with Lower Rectal Cancer Undergoing Neoadjuvant Chemotherapy: A Direct Comparison of Short-Course and Long-Course Chemoradiotherapy

Yuji Toiyama, MD, PhD, FACS; Akira Yamamoto, MD; Yoshinaga Okugawa, MD, PhD; Hiroyuki Fujikawa, MD, PhD; Junichiro Hiro, MD; Hiromi Yasuda, MD; Minako Kobayashi, MD, PhD; Masaki Ohi, PhD; Toshimitsu Araki, MD, PhD; Masato Kusunoki, MD, PhD; *From Mie University, Tsu, Japan*

Predictors of Anastomotic Leak in Ascending and Descending Colon Malignancies

Angela M. Kao, MD; Michael R. Arnold, MD; Tanushree Prasad, MA; B. Todd Heniford, MD; Bradley R. Davis, MD; Kevin R. Kasten, MD; *From Carolinas Medical Center, Charlotte, NC*

Intraureteral and Intravenous Indocyanine Green (ICG) Aides in Ureteral Identification and Assessment of Bowel Perfusion in Robotic Colorectal Surgery

Gregory Grimberg, MD; Sarah B. Bryczkowski, MD; George A. Mazpule, MD; Adam S. Rosenstock, MD, FACS; Stephen G. Pereira, MD, FACS; *From Hackensack University Medical Center, Hackensack, NJ*

Do Patients with Inflammatory Bowel Disease Benefit from an Enhanced Recovery Pathway?

David Liska, MD; Turgut Bora Cengiz, MD; Conor P. Delaney, MBBCh, PhD, FACS; Scott R. Steele, MD; Tracy L. Hull, MD, FACS; Stefan D. Holubar, MD, MS, FACS, FASCRS; *From Cleveland Clinic, Cleveland, OH*

Cost Impact of Implementing an Enhanced Recovery after Surgery Protocol: An Institutional Review

Laura Bradney, MD; Kaitlin Domek, MD; Gregory Mehaffey, MD; Michael A. Preston, PhD, MPH; Jason S. Mizell, MD, FACS, FASCRS; William C. Mustain, MD; Jonathan A. Lar-yea, MBChB, FACS, FASCRS, FWACS; *From University of Arkansas for Medical Sciences, Little Rock, AR*

A Novel Magnetic Resonance Imaging-Based Classification for Predicting Pathological and Oncological Outcomes of Low Rectal Cancer: A Multicenter Retrospective Cohort Study

Jin Gu, MD, FACS; *From Peking University Cancer Hospital, Beijing, China*

Impact of Sex on Wound Disruption after Colorectal Surgery: A Retrospective Review of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Database

Rodrigo A. Rodriguez, MD; Fares Qeadan, PhD; Jacquelyn Brandenburg, DO; Thomas R. Howdieshell, MD, FACS; Rohini McKee, MD, MPH, FACS; *From University of New Mexico, Albuquerque, NM*

Differences in Perioperative Factors and Surgical Outcomes between Crohn's Disease and Ulcerative Colitis
Daniel Hakakian; Paige S. Lazar; Zoltan H. Nemeth, MD, PhD; Rolando H. Rolandelli, MD, FACS; *From Morristown Medical Center, Morristown, NJ, Columbia University Medical Center, New York, NY*

Effects of Anti-Tumor Necrosis Factor Use on Colorectal Cancer Outcomes in Patients with Inflammatory Bowel Disease

William Y. Luo; Alex K. Bryant, MAS; Sarah Stringfield, MD; James D. Murphy, MD, MS; Samuel Eisenstein, MD; *From University of California, San Diego, La Jolla, CA, Veterans Affairs San Diego Healthcare System, San Diego, CA*

SF322 | 2:30-4:00 PM

e-Poster Rounds VI

LOCATION: 253ABC

Station 1

Breast

MODERATORS:

Amanda L. Amin, MD, FACS, *Kansas City, KS*
Rebecca M. Tuttle, MD, *Kettering, OH*

Evaluation of Long-Term Satisfaction with Mastectomy vs. Breast Conserving Surgery in Patients Treated for Ductal Carcinoma In-Situ: A Population-Based Longitudinal Cohort Study

Devon Livingston-Rosanoff, MD, PhD; John Hampton, MS; Amy Trentham-Dietz, PhD; Lee G. Wilke, MD, FACS; *From University of Wisconsin, Madison, WI*

Breast Cancer Outcomes in Young (<40 years) African-American Compared with White American Patients
Pridvi Kandagatla, MD; Melissa B. Davis, PhD; Charles J. Fisher, MS; Alyson Simonds, RN; Marcia Kuklinski, RN, CN-BN; Erica Proctor, MD; Jessica M. Bensenhaver, MD, MSC, FACS; David Nathanson, MD; Lindsay Petersen, MD; Lisa A. Newman, MD, MPH, FACS; *From Henry Ford Health System, Detroit, MI*

Epidermal Growth Factor Receptor Target in Breast Cancer Treatment

Ruya Zhao; Rayan N. Kaakati; Scott T. Hollenbeck, MD, FACS; Chuan-Yuan Li, PhD; *From Duke University, Durham, NC*

Identifying Factors Influencing Delays in Breast Cancer Treatment in Kentucky

Neal Bhutiani, MD; Bin Huang, DrPH; Quan Chen, DrPH; Thomas C. Tucker, PhD, MPH; Kelly M. McMasters, MD, PhD, FACS; Nicolas Ajkay, MD, FACS; *From University of Louisville, Louisville, KY, University of Kentucky, Lexington, KY*

Establishment of Metastatic Breast Cancer Patient-Derived Xenograft

Masanori Oshi, MD; Maiko Okano, MD, PhD; Kazuaki Takabe, MD, PhD, FACS; *From Roswell Park Cancer Institute, Buffalo, NY*

A Surgical Cost Analysis of the Reduction in Mastectomy Rate Seen with Implementation of an Intraoperative Radiation Program

Joshua R. Eskew; Dabin Ji; Christina Munford, MD; Michael P. Fanning; Aaron W. Pederson, MD; Michael D. Hasselle, MD; Elena T. Rehl, MD, FACS; William E. Burak, MD; *From Memorial University Medical Center, Savannah, GA*

Enhanced Recovery after Surgery (ERAS) Protocol Reduces Perioperative Narcotic Requirement in Patients Undergoing Mastectomy with Implant-Based Reconstruction

Christine Hill; Alycia So; Austin D. Williams, MD, MEd; Sarita Jamil; Liza C. Wu, MD, FACS; Lucy M. De La Cruz, MD; Caroline D. Fosnot, DO; Joshua Fosnot, MD; John T. Farrar, MD, PhD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Beyond Breast Surgeons: Do Plastic Surgeon and Radiation Oncologist Availability Impact Mastectomy Use in Patients with Ductal Carcinoma In-Situ?

Biqi Zhang; Tawakalitu O. Oseni, MD; Suzanne B. Coopey, MD; Michele A. Gadd, MD, FACS; Kevin S. Hughes, MD, FACS; David C. Chang, PhD, MBA, MPH; *From Massachusetts General Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Disparities in the Utilization of Postmastectomy Breast Reconstruction

Apoorve Nayyar, MB, BS; Paula D. Strassle, MSPH; Karishma G. Reddy, MD; Mihaela E. Rapolti, MD; Jonathan A. Black, MD; Michelle C. Roughton, MD; Kandace P. McGuire, MD, FACS; Kristalyn K. Gallagher, DO; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, Virginia Commonwealth University, Richmond, VA*

Increased Travel Distance Reduces Proportion of Patients Receiving Standard of Care Treatment for Breast Cancer
Apoorve Nayyar, MB, BS; Paula D. Strassle, MSPH; Jonathan A. Black, MD; Raphael Louie, MD, MPH; Kandace P. McGuire, MD, FACS; Kristalyn K. Gallagher, DO; *From University of North Carolina at Chapel Hill, Chapel Hill, NC, Virginia Commonwealth University, Richmond, VA*

Impact of Systematic Cavity Shave Margins in Breast Conserving Surgery at a Large Community Hospital

Anna M. Higham, MD; Christopher D. Vetter, MD; Marla Perez; Lacey Stelle, MD; Taylor Schoenheit, MD; Salma Musaad, MD, PhD; Kimberly Cradock, MD; *From Carle Foundation Hospital, Urbana, IL, University of Illinois-Urbana Champaign, Urbana, IL*

Breast Density Changes with Weight Gain/Loss after Bariatric Surgery

Angela E. Malinovitch; Austin D. Williams, MD, MEd; Christine Hill; Macy Goldbach; Colleen M. Tewksbury, MPH, RD, LDN; Despina Kontos, PhD; Emily F. Conant, MD; Kristoffel R. Dumon, MD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Conditional Reprogramming Cells Are Novel Tools for Drug Response Assay and the Development of Personalized Medicine in Luminal-B Breast Cancer

Rei Mimoto, MD, PhD; Atsushi Fushimi, MD; Takashi Kazama, MD; Hiroko Nogi, MD; Hiroshi Takeyama, MD, FACS; *From The Jikei University, Tokyo, Japan*

Feasibility of Radar Reflector Localization of Biopsy Proven Axillary Metastasis Following Neoadjuvant Chemotherapy

Danielle Henry, MD; Adel Yazdankhahkenary, MD; Christine Laronga, MD, FACS; Marie C. Lee, MD; John V. Kiluk, MD, FACS; Susan J. Hoover, MD, FACS; Weihong Sun, MD; Brian J. Czerniecki, MD, FACS; Nazanin Khakpour, MD, FACS; *From Moffitt Cancer Center and Research Institute, Tampa, FL*

Station 2 Endocrine Surgery

MODERATORS:

Rachel L. Slotcavage, MD, *Little Rock, AR*
Nisar Zaidi, MD, *Duluth, MN*

Minimally Invasive Surgery for Pancreatic Neuroendocrine Tumors Results in Shorter Length of Stay

Amanda M. Laird, MD, FACS; John Bliton, MD; Patricia Friedmann, MS; John C. McAuliffe, MD, PhD; Steven K. Libutti, MD, FACS; Haejin In, MD, MBA, MPH; *From Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY*

Narcotic Free Cervical Endocrine Surgery: A Shift in Paradigm

Luis I. Ruffolo, MD; Katherine M. Jackson, MD; Todd Chennell, NP; Danielle Glover, PA; Adriane L. Argenio, MD; Jacob Moalem, MD, FACS; *From University of Rochester, Rochester, NY*

Risk Factors and Costs Associated with Nationwide Non-Elective Readmissions after Thyroidectomy

Jessica L. Buicko, MD; Michael A. Lopez, DO; Joshua Parreco, MD; Allison Rice, MD; Thomas J. Fahey, MD; *From University of Miami, Palm Beach, Atlantis, FL, Weill Cornell, New York, NY*

Preoperative Systemic Inflammatory Markers as Prognostic Indicators for Recurrent Adrenocortical Carcinoma

Apostolos Gaitanidis, MD; Mustapha El Lakis, MD; Douglas Wiseman, MD; Naris Nilubol, MD; Electron Kebebew, MD; Dhaval Patel, MD; *From National Cancer Institute, Bethesda, MD*

The Impact of Routine Intraoperative Recognition of Parathyroid Glands on Postoperative Hypocalcemia Utilizing Near Infrared Autofluorescence Guidance in Patients Undergoing Total Thyroidectomy

Fernando Dip, MD; Jorge Falco, MD; Maria C. Fonseca, MD; Mauricio F. Sarmiento-Cobos, MD; Cristian Milla-Matute, MD; Silvina Verna, MD; Emanuele Lo Menzo, MD, PhD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *From Cleveland Clinic Florida, Weston, FL, Instituto Argentino de Diagnóstico y Tratamiento, Buenos Aires, Argentina*

Overlapping Endocrine Surgery: Examining Safety and Efficacy Concerns

Helmi Khadra, MD; Spenser S. Souza, MS; Tucker Cushing; Emad Kandil, MBBCh, FACS; *From Tulane University, New Orleans, LA*

Utility of Afirma Gene Expression Classifier in Patients with Hashimoto's Thyroiditis

Vardan Papoian, MD, MPH; Jennifer E. Rosen, MD, FACS; Wen Lee, MD; Leonard Wartofsky, MD; Erin A. Felger, MD, FACS; *From MedStar Washington Hospital Center, Washington, DC*

Tumor Stage Is Not Associated with 30-Day Complications after Thyroidectomy for Thyroid Cancer

Courtney E. Barrows, MD; Megan K. Applewhite, MD, MA; Benjamin C. James, MD, MS; *From Beth Israel Deaconess Medical Center, Boston, MA, Albany Medical Center, Albany, NY*

Laparoscopic Adrenalectomy Is Safe in Elderly Patients

Katherine D. Gray, MD; Timothy M. Ullmann, MD; Brendan M. Finnerty, MD; Thomas J. Fahey III, MD; Rasa Zarnegar, MD, FACS; Toni Beninato, MD; *From New York Presbyterian Hospital - Weill Cornell Medicine, New York, NY*

Impact of Italian Society of Anatomic Pathology and Diagnostic Cytology Classification of Thyroid Nodules in the Treatment of Indeterminate Follicular Lesions: Results in a Single Center after Three Years

Chiara Dobrinja, MD, PhD; Antonio Cubisino, MD; Alessio Lanzaro, MD; Gabriele Bellio, MD; Rita Eramo, MD; Stella Bernardi, MD, PhD; Bruno Fabris, MD; Manuela Pastorichio, MD; Nicolò de Manzini, MD, FRCS; *From Division of General Surgery, Trieste, Italy*

Do Mandatory Preoperative Anesthesia Clinic Visits Change Management for Patients Undergoing Elective Endocrine Surgery?

Reema Mallick, MD; Ammar Asban, MD; Kelly Lovell, CRNP; Herbert Chen, MD; Courtney J. Balentine, MD, MPH; *From University of Alabama at Birmingham, Birmingham, AL, University of Texas Southwestern, Dallas, TX*

Objective Identification of Parathyroid Tissue Using Autofluorescence during Thyroidectomy: A Quantitative Analysis

Emin Kose, MD; Kathryn H. Chomsky-Higgins, MD, MS; Bora Kahramangil, MD; Rupporn Sukpanich, MD; Edwina C. Moore, MD; Insoo Suh, MD; Quan-Yang Duh, MD; Allan Siperstein, MD; Fernando Dip, MD; Eren Berber, MD, FACS; *From Cleveland Clinic, Cleveland, OH, University of California, San Francisco, San Francisco, CA, Cleveland Clinic Florida, Weston, FL*

What Factors Predict Parathyroid Autograft Use? A Multi-Institutional Analysis Using the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)

Jessica Y. Liu, MD; Neil D. Saunders, MD; Collin J. Weber, MD, FACS; Jyotirmay Sharma, MD, FACS; Snehal G. Patel, MD; *From Emory University, Atlanta, GA, American College of Surgeons, Chicago, IL*

Parathyroid Cryopreservation: Clinical Applications in the Era of Synthetic Parathyroid Hormone

Iheoma Nwaogu, MD; Mahsa Sedaghati, MD; Rupporn Sukpanich, MD; Kathryn H. Chomsky-Higgins, MD, MS; Yufei Chen, MD; Carolyn D. Seib, MD, MAS; Insoo Suh, MD; Wen T. Shen, MD, FACS; Jessica E. Gosnell, MD, FACS; Quan-Yang Duh, MD; *From University of California, San Francisco, San Francisco, CA*

Station 3**Breast, Endocrine Surgery, Ethics, Plastic and Maxillofacial Surgery**

MODERATORS:

Jennifer E. Rosen, MD, FACS, *Washington, DC*
Matthew A. Nehs, MD, *Cambridge, MA*

Comparing Postoperative Complication of LigaSure Small Jaw Instrument with Clamp and Tie Method in Thyroidectomy Patients: A Randomized Controlled Trial

Ali Ramouz, MD; Seyed Ziaeddin Rasihashemi, MD; Mahdie Hosseini, MD; *From Tabriz University of Medical Sciences, Tabriz, Iran*

Thyroid Lobectomy vs. Total Thyroidectomy for Low Risk Papillary Thyroid Cancer: A Systematic Review

Susana Vargas-Pinto, MD; Minerva A. Romero Arenas, MD, MPH; *From State University of New York at Buffalo, Buffalo, NY, The University of Texas Rio Grande Valley, Harlingen, TX*

Postoperative Pain and Opioid Use after Thyroid and Parathyroid Surgery: A Novel, Prospective SMS-Based Survey

Yufei Chen, MD; Iheoma Nwaogu, MD; Kathryn H. Chomsky-Higgins, MD, MS; Carolyn D. Seib, MD, MAS; Jessica E. Gosnell, MD, FACS; Wen T. Shen, MD, FACS; Quan-Yang Duh, MD; Insoo Suh, MD; *From University of California, San Francisco, San Francisco, CA*

Thyroid Surgery and Ketorolac: Are We Too Scared to Use It?

Andrea Merrill, MD; Louisa Moore; Carrie C. Lubitz, MD, MPH; Tiannan Zhan, MS; Sareh Parangi, MD, FACS; Antonia E. Stephen, MD, FACS; *From Massachusetts General Hospital, Boston, MA*

Clinical and Financial Predictors of Quality of Life in Patients with Multiple Endocrine Neoplasia Type 2A

Michael N. Mongelli; Benjamin J. Peipert; Sneha Goswami; Irene B. Helenowski, PhD; Susan E. Yount, PhD; Cord Sturgeon, MD, MS; *From Northwestern University, Chicago, IL*

The Value of Preoperative Ultrasound Imaging in Uremic Hyperparathyroidism

Kathleen C. Gallagher; Benjamin R. Campbell; Carmen C. Solorzano, MD, FACS; Naira Baregamian, MD, MMS; *From Vanderbilt University Medical Center, Nashville, TN*

Prospective Evaluation of the Utility of Intraoperative PTH Monitoring during Intended Bilateral Neck Exploration for Primary Sporadic Hyperparathyroidism (pHPT)

Pranit N. Chotai, MD; Colleen M. Kiernan, MD, MPH; Carmen C. Solorzano, MD, FACS; *From Vanderbilt University, Nashville, TN, Nashville, TN*

Thyroidectomy for Multinodular Goiter in the Elderly: Age Is Just a Number

Brendan M. Finnerty, MD; Katherine D. Gray, MD; Timothy M. Ullmann, MD; Rasa Zarnegar, MD, FACS; Thomas J. Fahey III, MD; Toni Beninato, MD; *From New York Presbyterian Hospital - Weill Cornell Medicine, New York, NY*

Risk of Postoperative Hematoma in Patients Undergoing Thyroid and Parathyroid Surgery While on Clopidogrel

Jessica S. Crystal, MD; Beth-Ann Shanker, MD; Tomer Davidov, MD, FACS; Stanley Z. Trooskin, MD, FACS; *From Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*

Post Parathyroidectomy Calcium Management in Renal Hyperparathyroidism Related to Hospital Length of Stay

Mara A. Piltin, DO; Kathryn Eckert, OMS IV; Reece Alkire, DO; Nasser Youssef, MD; *From Rowan University, Stratford, NJ, Our Lady of Lourdes Hospital, Camden, NJ*

Complications after Primary Augmentation Mastoplasties: Analysis of Situation and Extrapolation of Results

Luciano Nahas Combina, MD; Carlos Altamirano Arcos, MD; Israel Espino-Guacin, MD; Raúl Á. Nahás, MD; Enzo Alberto Isola, MD; Osvaldo I. Guevara Valmana; *From Centro Médico de Cirugía y Estética Dr. Raúl Nahás, Córdoba, Argentina, Hospital General Manuel Gea Gonzalez, Mexico City, Mexico*

Marking the Breast Tumor Bed for Radiation Planning in Oncoplastic Surgery: Is the Use of the Biozorb Device Cost-Effective Over Using Standard Surgical Clips?

Ramy Rashad; Kathryn Huber, MD, PhD; Abhishek Chatterjee, MD, MBA; *From Tufts Medical Center, Boston, MA, Tufts University, Boston, MA*

Beyond Survival: An Ethical Decision-Making Framework for Contralateral Prophylactic Mastectomy

Ava Ferguson Bryan, MA; Jennifer Tseng, MD; *From University of Chicago, Chicago, IL*

Implications of Demographics and Socioeconomic Factors in Breast Cancer Reconstruction

Sanam Zahedi, MD; Linda G. Phillips, MD, FACS; *From University of Texas Medical Branch in Galveston, Galveston, TX*

An Analysis of the Differences in Pre- and Post- Breast Reconstruction Quality of Life in Appalachian Patients and Patients from Metropolitan Areas Using Breast-Q Data

Kristen M. Hardy; Kylie Fuller; Jennifer Rokosz, MD; Cristiane M. Ueno, MD; *From West Virginia University, Morgantown, WV*

Station 4**Plastic and Maxillofacial Surgery**

MODERATOR:

Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

Sex Specific Differences for Revision Carpal Tunnel Surgery: A Single-Center Study

Reinhard Pauzenberger, MD; Maximilian M. Mahrhofer; Stefan Hacker, MD; *From Medical University Vienna, Vienna, Austria*

Association between Midface Fractures and Cervical Spine Injuries

Esa M. Farkkila, MD, DDS; Zachary S. Peacock, MD, DMD, FACS; Laurie Petrovick, MSc; Alice A. Gervasini, RN, PhD; George C. Velmahos, MD, PhD; Leonard B. Kaban, MD, FACS; *From Massachusetts General Hospital, Boston, MA*

An Annual Study of the Presence of Positive Margins in the Excision of Skin Lesions at Royal Perth Hospital, Australia
João VM. Napoli; *From University of Western Australia, Perth, Australia***Fillet Flap for Catastrophic Hand Reconstruction: A 12-Month Prospective Study**

Israel Espino-Gaucín, MD; Carlos Altamirano Arcos, MD; Luciano Nahas Combina, MD; Enrique Chavez Serna, MD; *From Hospital General, Mexico City, Mexico, Universidad Nacional Autónoma de México, Mexico City, Mexico*

Pediatric Skull Base Fracture Outcomes: Sensory Deficits and Cranial Nerve Palsies

Radbeh Torabi, MD; Charles W. Patterson, MD; Gerhard S. Munding, MD; *From Louisiana State University Health Sciences Center, New Orleans, LA*

Improving Surgical Efficiency for Mastectomy with Implant-Based Reconstruction

Kassandra Nealon; Megan Rebello; Nikhil Sobti; Andrew Sherburne, RN; Dale J. Spracklin, RN; Eric C. Liao, MD, PhD; Michelle Specht, MD; *From Massachusetts General Hospital, Boston, MA, Harvard Medical School, Boston, MA*

Automated Quantification of Vessel Structure: A Novel Method for Analysis of Angiogenesis in Wound Healing

Heather E. Des Jardins-Park, AB; Shamik Mascharak; Alesandra L. Moore, MD; Bryan A. Duoto; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Degloving Injuries of the Extremity: A Systematic Approach to Reconstruction

Christine Velazquez, MD; Ivo A. Pestana, MD, FACS; *From Wake Forest Baptist Medical Center, Winston-Salem, NC*

Incidence and Management of Septic Hand Joints in the Non-Urban Patient Population

Douglas L. Helm, MD, FACS; *From Brigham and Women's Hospital, Boston, MA, South Shore Hospital, Weymouth, MA*

Plastic Surgery Management of Intravenous Infiltration and Extravasation Injuries

Sameer Massand, MD; Logan Carr, MD; Timothy S. Johnson, MD; Emily Schneider; *From Penn State Hershey Medical Center, Hershey, PA*

An Additional Option for Reconstruction: Assessment of 575 Consecutive Anatomic, Shaped Implants Following Mastectomy

Irfan A. Rhemtulla, MD, MS; Evan B. Katz, MD; Fabiola A. Enriquez; Catherine E. Calvert, MD; Joe M. Serletti, MD; *From University of Pennsylvania, Philadelphia, PA*

Breast Reconstruction Effects on the Incidence of Postmastectomy Pain Syndrome: A Meta-Analysis

Dhivya R. Srinivasa, MD; Meera Reghunathan; Paymon Rahgozar, MD; Hani Sbitany, MD; *From University of Michigan, Ann Arbor, MI, University of California, San Francisco, San Francisco, CA, University of California, San Diego, La Jolla, CA*

The Impact of Plastic Surgery in the Psychological Well-Being: The Importance of Personal Appearance in the Psychosocial Functioning

Luciano Nahas Combina, MD; Raul A. Nahas, MD; Carlos Altamirano Arcos, MD; Israel Espino-Gaucín, MD; Osvaldo I. Guevara Valmana; Enzo Alberto Isola, MD; *From Centro médico de Cirugía y Estética Dr. Raúl Nahás, Córdoba, Argentina, Hospital General Manuel Gea Gonzalez, Mexico City, Mexico*

Station 5**Breast, General Surgery, Hepatobiliary and Pancreas, Urological Surgery**

MODERATOR:

Aria F. Olumi, MD, FACS, Boston, MA

High Preoperative Neutrophil-to-Lymphocyte Ratio Predicts Overall Survival in Localized and Metastatic Clear Cell Renal Cell Carcinoma

Amir I. Khan; Kevin R. Melnick; Dattatraya Patil, MB, BS, MPH; Frances Kim, MPH; Dean D. Laganosky, MD; Mehmet A. Bilen, MD; Omer Kucuk, MD; Christopher P. Filson, MD, MS; Kenneth Ogan, MD; Viraj Master, MD, PhD; *From Emory University, Atlanta, GA*

Impact of Surgeon Age on Preference for Open vs. Robotic Radical Prostatectomy

Jason R. Lomboy, MD; John L. Graves; Angela B. Smith, MD, FACS; Matthew E. Nielsen, MD, MS, FACS; Eric M. Wallen, MD, FACS; Mathew C. Raynor, MD; Hung-Jui Tan, MD, MSHPM; Raj Pruthi, MD; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

A New Preoperative Inflammatory Score Is an Independent and Significant Predictor of Overall Survival in Localized Clear Cell Renal Cell Carcinoma

Kevin R. Melnick; Amir I. Khan; Dattatraya Patil, MB, BS, MPH; Frances Kim, MPH; Amar P. Patel, MD; Mehmet A. Bilen, MD; Omer Kucuk, MD; Christopher P. Filson, MD, MS; Kenneth Ogan, MD; Viraj Master, MD, PhD; *From Emory University, Atlanta, GA*

Trends in Prostate Cancer Screening among Family Practitioners and Internal Medicine Physicians

Nina Mikkilineni, MD; Matthew P. Rutman, MD; *From New York-Presbyterian-Columbia University Medical Center, New York, NY*

Open vs. Minimally Invasive Adrenalectomy for Metastatic Cancer

Lukas Hockman, MD; Philip Fish; Katie S. Murray, DO;
Naveen Pokala, MD; *From University of Missouri, Columbia, Columbia, MO*

Impact of Surgeon Age on Surgical Practice Patterns: Potential Implications of an Aging Workforce

John L. Graves; Jason R. Lomboy, MD; Kathryn E. Hacker, MD, PhD; Brandon Garren, MD; Case M. Wood, MD; Amanda C. North, MD; Patrick H. McKenna, MD, FACS; Hung-Jui Tan, MD, MSHPM; Raj S. Pruthi, MD, MHA, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

Serial Measurements of C-reactive Protein: Albumin Ratio Can Stratify Risk and Survival in Patients with Clear Cell Renal Cell Carcinoma

Dean D. Laganosky, MD; Amir I. Khan; Dattatraya Patil, MB, BS, MPH; Aaron H. Lay, MD; John G. Pattaras, MD, FACS; Mehmet A. Bilen, MD; Omer Kucuk, MD; Kenneth Ogan, MD; Viraj Master, MD, PhD; *From Emory University, Atlanta, GA*

The Impact of Electronic Health Record Implementation on Patient Care-Related Factors: A Three-Year Longitudinal Survey of Members of the Health Care Team

William Pruthi; Brandon Garren, MD; Kathryn E. Hacker, MD, PhD; Case M. Wood, MD; John L. Graves; Tryston A. Jack; Mathew C. Raynor, MD; Hung-Jui Tan, MD, MSHPM; Raj S. Pruthi, MD, MHA, FACS; *From University of North Carolina at Chapel Hill, Chapel Hill, NC*

FOG2 Silencing Increases Pancreatic Cancer Cell Sensitivity to Extracellular Signal-Regulated Kinase (ERK) Inhibition by Disrupting ERK and Protein Kinase B (AKT) Signaling Crosstalk

Zhiqiang Liu, MD; *From Union Hospital, Tongji Medical College, Wuhan, China*

The First Jejunal Vein Is a Potential Anatomical Landmark When Performing Mesopancreas Resection during Pancreaticoduodenectomy

Masahiko Honjo, MD; Taiji Tohyama, MD, PhD; Katsunori Sakamoto, MD; Jota Watanabe, MD; Akihiro Takai, MD, PhD; Hisato Yamamoto, MD; Kei Tamura, MD; Hitoshi Inoue, MD; Kohei Ogawa, MD, PhD; Yasutsugu Takada, MD; *From Ehime University, Toon, Japan*

Expression of AQP8 in Pancreatic Cancer and Its Clinical Significance

Jiong Chen, MD; *From Anhui Provincial Hospital, Hefei, China*

Should Pseudoangiomatous Stromal Hyperplasia Found on Core Biopsy Be Excised?

Sarita Jamil; Christine Hill; Angela E. Malinovitch; Austin D. Williams, MD, MEd; Macy Goldbach; Elizabeth S. McDonald, MD; Paul Zhang, MD; Anupma Nayak, MD; Ira Bleiweiss, MD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

VIDEO-BASED EDUCATION

Sponsored by the Committee on Video-Based Education, these sessions feature presentations by surgeons showcasing surgical procedures and current subjects across the spectrum of surgical practice. Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education.

Icons in Surgery

The Committee on Video-Based Education will honor the lives and accomplishments of noteworthy Fellows during the following Icons in Surgery video sessions:

Tuesday, October 23

11:30 am-12:30 pm

VE203 | Icons in Surgery I

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

William B. Inabnet III, MD, FACS, *New York, NY*; William O. Richards, MD, FACS, *Mobile, AL*; and Steven D. Schwartzberg, MD, FACS, *Buffalo, NY*

John L. Cameron, MD, FACS, FRCSEng(Hon), FRCSEd(Hon), FRCSI(Hon)

Discussant: Keith D. Lillemoe, MD, FACS, *Boston, MA*

Kenneth A. Forde, MD, FACS, FASCRS, FACG, FCCS(Hon)

Discussant: Dennis L. Fowler, MD, FACS, *New York, NY*

Wednesday, October 24

11:30 am-12:30 pm

VE305 | Icons in Surgery II

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

William B. Inabnet III, MD, FACS, *New York, NY*; William O. Richards, MD, FACS, *Mobile, AL*; and Steven D. Schwartzberg, MD, FACS, *Buffalo, NY*

Donald D. Trunkey, MD, FACS

Discussant: Richard J. Mullins, MD, FACS, *Portland, OR*

Anna M. Ledgerwood, MD, FACS and Charles E. Lucas, MD, FACS

Discussant: Lawrence N. Diebel, MD, FACS, *Detroit, MI*

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Monday, October 22

VE101 | 9:45 am-1:00 pm

Bariatric Surgery

LOCATION: 251

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*, and Garth R. Jacobsen, MD, FACS, *San Diego, CA*

Resection of the Excluded Stomach Due to Severe Bleeding following Roux-en-Y Gastric Bypass (RYGB) in a Patient with Lynch Syndrome

Rena C. Moon, MD; Muhammad Ghanem, MD; Andre F. Teixeira, MD, FACS; Muhammad Z. Abdul-Jawad, MD, FACS; *Orlando, FL*

Laparoscopic Reversal of Roux-en-Y Gastric Bypass for Recalcitrant Hypoglycemia

Rana C. Pullatt, MB, BS, FACS; Nicholas D. Ward, MD; Doris Kim, MD; David Moffat, MD; Denise I. Garcia, MD; Bennett Calder, MD; Benjamin L. White, MD; *Charleston, SC*

Retained Fundus: A Laparoscopic Re-Sleeve and Duodenal Switch

Partha Bhurtel, MB, BS; Todd A. Kellogg, MD, FACS; *Rochester, MN*

Nightmare with Accidental Thoracic Oesophageal Perforation during Laparoscopic Sleeve gastrectomy: How to Manage—Lessons Learned

Ayman M. Soliman, MBBCh, PhD, FACS; *Abu Dhabi, United Arab Emirates*

Aortoesophageal Fistula Rare and Challenging Complication following Sleeve Gastrectomy

Hassan Al-Thani, MBBCh, FACS; Yasir A. Al-Zubaidi, MD, FRCSI; Talat S. Chughtai, MD, FRCSC; Abdulwahid Al Mulla, MD; Ayman El-Menyar, MD; *Doha, Qatar*

Small Bowel Obstruction after Roux-en-Y Gastric Bypass: An Impacted Cotton Ball Bezoar

Scott W. Schimpke, MD; Gerardo Davalos, MD; Sugong Chen, MD; Matthew J. Davis, MD; Keri A. Seymour, DO; Ranjan Sudan, MB, BS, FACS; Dana D. Portenier, MD, FACS; Daniel Guerron, MD; Jin S. Yoo, MD, FACS; *Durham, NC*

Magnetic-Assisted Liver Retraction vs. Nathanson's Retractor in Bariatric Surgery

Andres Hanssen L., MD, FACS; Sergio Plotnikov, MD, FACS; Geylor A. Acosta, MD; Jairo A. Noya, MD; Diego A. Hanssen, MD, FACS; Rafael A. Hanssen, MS; *Caracas, Venezuela*

Laparoscopic Conversion of Banded Gastric Plication to Roux-en-Y Gastric Bypass for Slipped Plication

Rana C. Pullatt, MD, FACS; Colston A. Edgerton, MD; Doris Kim, MD; Shelby L. Allen, MD; Benjamin L. White, MD; *Charleston, SC*

Endoscopic Sleeve Gastroplasty

Stephanie Novak, MS; Kristina L. Guyton, MD; Alexander Trenk, MD; Michael Ujiki, MD, FACS; *Evanston, IL*

VE102 | 9:45 am-1:00 pm

General Surgery I: Gastrointestinal Disease

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Patrick R. Reardon, MD, FACS, *Houston, TX*, and Ankit D. Patel, MD, FACS, *Decatur, GA*

Robotic Partial Cholecystectomy: Technical Resources on Challenging Situations

Roberto Bustos, MD; Alberto Mangano, MD; Gabriela Aguiluz, MD; Samer Naffouje, MD; Mario A. Masrur, MD, FACS; *Chicago, IL*

Surgical Management in Hydatid Hepatic Cysts: What Makes the Difference?

Layla Musleh, MD; Lidia Castagneto Gissey, MD; Germano Mariano, MD; Giovanni Vennarecci, MD; Roberto Luca Meniconi, MD; Giuseppe Maria Ettorre, MD; *Rome, Italy*

Robotic Cystopericystectomy with Resection of the Diaphragm for Liver Hydatid Disease

Paolo Magistri, MD; Federica F. Mereu, MD; Valentina Serra, MD; Giuseppe Tarantino, MD; Gian Piero Guerrini, MD; Roberto Ballarin, MD, PhD; Fabrizio E. Di Benedetto, MD, PhD, FACS; *Modena, Italy*

Laparoscopic Subtotal Resection of a Giant Right Hepatic Cyst

William Nechtow, DO; Jan Franko, MD, PhD, FACS; *Des Moines, IA*

Laparoscopic Segmental Small Bowel Resection for Meckel's Diverticulitis with Volvulus

Shireesh Saurabh, MD, FACS, FASMBS; *Iowa City, IA*

Laparoscopic Management of Simultaneous Acute Appendicitis and Volvulus of Neoplasm from Meckel's Diverticulum

Arpit Patel, MD; Alan A. Saber, MBBCh, FACS; Adam M. Kopelan, MD, FACS; *Newark, NJ*

Laparoscopic Release of the Arcuate Ligament

Rena C. Moon, MD; Muhammad Ghanem, MD; Andre F. Teixeira, MD, FACS; Muhammad Z. Abdul-Jawad, MD, FACS; *Orlando, FL*

Robotic Surgery for the Treatment of Splenic Artery Aneurysm with Spleen Preservation and Vascular Reconstruction

Niccolò Furbetta, MD; Matteo Bianchini, MD; Matteo Palmeri, MD; Desirée Gianardi, MD; Gregorio Di Franco, MD; Simone Guadagni, MD; Gianni Stefanini, MD; Franco Mosca, MD, FACS; Giulio Di Candio, MD; Luca Morelli, MD, FACS; *Pisa, Italy*

Laparoscopic Graham Patch Repair of Perforated Duodenal Ulcer

Christine Tat, MD; Victor E. Martinez Zavala, MD; Rami E. Lutfi, MD, FACS; *Chicago, IL*

Laparoscopic Management of Kissing Gastric Ulcers Presenting with Perforation and Bleeding

Alan A. Saber, MBBCh, FACS; Arpit Patel, MD; *Newark, NJ*

Robotic Laparoscopic Subtotal Gastrectomy for Chronic Duodenal Ulcer with Pyloric Stricture

Roberto Bustos, MD; Alberto Mangano, MD; Valle Valentina, MD; Mario A. Masrur, MD, FACS; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Robotic Total Gastrectomy—The UIC Approach: Are We on the Right Pathway?

Alberto Mangano, MD; Roberto Bustos, MD; Eduardo Fernandes, MD, PhD, FRCS; Federico Gheza, MD; Valentina Valle, MD; Gabriela Aguiluz-Cornejo, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Laparoscopic Techniques for Gastric Gastrointestinal Stromal Tumor Resection

Michael N. Tran, MD; Brian R. Smith, MD; Ninh T. Nguyen, MD, FACS, FASMB; *Orange, CA*

Laparoscopic Antrectomy with Billroth II Reconstruction for Refractory Gastric Outlet Obstruction Form Peptic Ulcer Disease

Rana C. Pullatt, MD, FACS; Benjamin L. White, MD; Shelby L. Allen, MD; David Moffat, MD; *Charleston, SC*

Laparoscopic Distal Gastrectomy with Intracorporeal Handsewn Billroth-I Anastomosis

Chao Lu, MS; Yiping Mou, MD, FACS; Chaojie Huang; Xiaowu Xu, MD; Renchao Zhang, MD; Yucheng Zhou, MS; Weiwei Jin, MD; *Hangzhou, China*

VE103 | 11:30 am-1:00 pm**Obstetrics and Gynecology**

LOCATION: 160A

TRACK(S): OBG

COORDINATOR AND PRESIDING OFFICER(S):

Camran R. Nezhat, MD, FACS, *Palo Alto, CA* and Louise P. King, MD, JD, *Boston, MA*

Video-Assisted Thoracoscopic Treatment of Endometriosis

Megan K. Burns, MD; Stacy Young, MD; Camran R. Nezhat, MD, FACS; Azadeh Nezhat, MD; *Palo Alto, CA*

Laparoscopic Low Anterior Resection of Rectal Mass

Megan K. Burns, MD; Stacy Young, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

Laparoscopic Treatment of Uteral Endometriosis with and without Robotic Assistance

Stacy Young, MD; Megan K. Burns, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

Cancer Arising from Endometriosis

Ceana H. Nezhat, MD, FACS; Kristin Davis; Erica Dun, MD, MPH; Farr R. Nezhat, MD, FACS, FACOG; *Atlanta, GA*

Perineal Hernia Repair Using Permanent Suture and Mesh

Andrea M. Avondstondt, MD; Dima Ezzedine, MD; Charbel Salamon, MD, MS, FACS; *Morristown, NJ*

Pelvic Recurrence of Uterine Leiomyomatosis with Intravenous Cavo-Atrial Extension

Lidia Castagneto Gisse, MD; Layla Musleh, MD; Germano GM. Mariano, MD; Roberto L. Meniconi, MD; Giuseppe M. Ettore, MD; *Rome, Italy*

VE104 | 11:30 am-1:00 pm**Subject-Oriented Symposium I: Hernias**

LOCATION: 254AB

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Richard A. Pierce, MD, PhD, FACS, *Nashville, TN*, and Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Challenging Inguinal Hernias

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

Prevention and Management of Inguinodynia

Shirin Towfigh, MD, FACS, *Los Angeles, CA*

Flank Hernias

Igor Belyansky, MD, FACS, *Annapolis, MD*

Robotic Retromuscular Repair: Tips and Tricks

Jeremy Warren, MD, FACS, *Greenville, SC*

Dealing with Loss of Domain in Ventral Hernia Repair

Vedra Augenstein, MD, FACS, *Charlotte, NC*

VE105 | 2:30-4:00 pm**Video Potpourri: Breast, Plastic, and Oncologic Surgery**

LOCATION: 251

TRACK(S): PLA, ONC

COORDINATOR AND PRESIDING OFFICER(S):

Jill Richardson Dietz, MD, FACS, *Cleveland, OH*, and Meeghan A. Lautner, MD, MSc, FACS, *Buffalo, NY*

Sharp Mastectomy: Tips and Tricks

David Lesniak, MD, PhD; Lashan Peiris, MB, BS, FRCS(Lon); *Edmonton, Alberta*

New Mapping for Sentinel Lymph Node Biopsy:**Indocyanine Green (ICG) Dye and the Near Infrared Camera**

Margaret W. Parnell, MD, FACS; Maranda K. Pahlkottter, MD; *Myrtle Beach, SC*

Intraoperative Radiation Therapy: “Quick Close” Technique

Sara P. Fogarty, DO, FACS; *Baltimore, MD*

Bilateral Tessier No. 7 Cleft: Schematic and Video**Demonstration of Macrostomia Repair**

Anna Carlson, MD; Andre Marshall, MD, MPH; Alexander C. Allori, MD, MPH; Jeffrey R. Marcus, MD, FACS; *Durham, NC*

Robotic Resection of Retropancreatic Ovarian Cancer**Metastasis**

Yee L. Cheah, MD; Caroline J. Simon, MD; Valena J. Wright, MD; *Burlington, MA*

Ex-Vivo Resection and Intestinal Autotransplantation for a Tumor Involving the Mesenteric Root

Peter Liou, MD; Advait Bongu, MD; Ralph C. Quillin III, MD; Adam Griesemer, MD; Tomoaki Kato, MD, FACS; *New York, NY*

Laparoscopic Organ-Preserving Surgery following Endoscopic Resection of Gastric Cancer

Joshua Landreneau, MD, MSc; Marita D. Bauman, MD; Madhusudhan R. Sanaka, MD; Kevin M. El-Hayek, MD, FACS; *Cleveland, OH*

Recurrent Elbow Sarcoma: Reconstruction with Pedicled Radial Forearm Flap

Maria E. Peña, MD; Ana L. Campos Arbulú, MD; Emmanuel E. Sadava, MD; Juan M. Fernandez Vila, MD; Norberto A. Mezzadri, MD, FACS; *Buenos Aires, Argentina*

VE106 | 2:30-5:45 pm

Challenging and Unusual Problems in Surgery

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Daniel M. Herron, MD, FACS, FASMB, *New York, NY*, and Leena Khaitan, MD, FACS, *Cleveland, OH*

PANELISTS:

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Patricia Sylla, MD, FACS, FACRS, *New York, NY*

Gallbladder Volvulus: A Rare Case on Acute Abdomen Mimicking Acute Cholecystitis

Vincenzo Adamo, MD; Marco Calgaro, MD; Ljevin Bogli-
one, MD; Carolina Bianco, MD; *Alba (CN), Italy*

Perforated Meckel's Diverticulitis Masquerading as Acute Appendicitis in a Pregnant Patient

Gregory Grimberg, MD; Claire Terez, MD; Seema Dhorajia,
DO; *Newark, NJ*

Symptomatic Cholelithiasis in Duplicated Gallbladders

Benton M. Cason, MD; Marcus C.B. Tan, MB, BS, FACS;
Mobile, AL

Bouveret's Syndrome Presenting as Upper Gastrointestinal Hemorrhage Managed with Endoscopic Techniques

Kliment K. Bozhilov, MD; Carl Tadaki, MD, FACS; *Hono-
lulu, HI*

Twin Living Donor Small Bowel Transplant

Kiara A. Tulla, MD; Federico Gheza, MD; Caterina Di Bella,
MD; Mario Spaggiari, MD; Ivo G. Tzvetanov, MD, FACS;
Enrico Benedetti, MD, FACS; *Chicago, IL*

Laparoscopic Fundoplication Takedown and Revision Myotomy for Recurrent Dysphagia

Danielle T. Friedman, MD; Andrew J. Duffy, MD, FACS; *New
Haven, CT*

Laparoscopic Splenectomy for Splenic Abscess

Emanuela Alvarenga, MD; Aaron W. Hayson, MD; Wade G.
Douglas, MD, FACS; Alexander Ramirez, MD, FACS; *Talla-
hassee, FL*

Laparoscopic Meckel's Diverticulectomy for Perforation Secondary to Foreign Body

Michael R. Arnold, MD; Bradley W. Thomas, MD, FACS; Kyle
W. Cunningham, MD, MPH; Ronald F. Sing, DO, FACS;
Charlotte, NC

Laparoscopic Repair of Recurrent Paraesophageal Hernia with Explantation of Herniated Mesh from the Mediastinum

Domenech Asbun, MD; Enrique F. Elli, MD, FACS; *Jackson-
ville, FL*

Laparoscopic Cholecystectomy in a Difficult Gallbladder: When to Convert?

Ryan W. Day, MD; Varun Jain, MB, BS, MD; Daniel J. John-
son, MD, FACS; *Phoenix, AZ*

Emergent Laparoscopic Repair of a Gastroesophageal Perforation from a Bougie Dilation in the Setting of a Hiatal Hernia

Rana C. Pullatt, MD, FACS; Benjamin L. White, MD; Colston
A. Edgerton, MD; Doris Kim, MD; Shelby L. Allen, MD;
Denise I. Garcia, MD; *Charleston, SC*

A Novel Laparoscopic Approach to an Incidental Pelvic Sidewall Hernia Containing Incarcerated Appendicitis

Diya I. Alaadeen, MD, FACS; *Cleveland, OH*

The Role of Minimally Invasive Surgery Approach in Acute Care Surgery

Ramon I. Diaz Jara, MD; Gerardo Davalos, MD; Dana D.
Portenier, MD, FACS; Daniel Guerron, MD; *Durham, NC*

Laparoscopic Diaphragmatic Hernia Repair

Kristina L. Guyton, MD; Stephanie Novak, MS; John C.
Alverdy, MD, FACS; Vivek N. Prachand, MD, FACS; *Chi-
cago, IL*

VE107 | 4:15-5:45 pm

Pancreas Surgery I

LOCATION: 254AB

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Sharona B. Ross, MD, FACS, *Tampa, FL*

The Concept of Precision Surgery in Pancreatic Surgery

Jiangdong Qiu, MD; Mengyu Feng, MD; Zhe Cao, MD;
Gang Yang, MD; Taiping Zhang, MD; *Beijing, China*

Laparoscopic Total Pancreatectomy and Splenectomy for Multi-Focal Mixed Type Intraductal Papillary Mucinous Neoplasm (IPMN)

Dominic E. Sanford, MD; Pascal Fuchshuber, MD, PhD,
FACS; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

Laparoscopic Pylorus-Preserving**Pancreaticoduodenectomy: Polishing the Diamond to Improve Outcomes**

Maitham A. Moslim, MD; Robert Simon, MD; Kevin M.
El-Hayek, MD, FACS; *Cleveland, OH*

Malignant Ampulloma—Ampullectomy and Later Pylorus Preserving Duodenopancreatectomy

Enrique Moreno Gonzalez, MD, FACS(Hon); Alejandro
Manrique, MD; Jorge A. Calvo, MD, FACS; Maria Garcia,
MD; *Madrid, Spain*

Isolated Pancreatoduodenectomy (PD) Combined with Portal Vein (PV) Resection and Preservation of Left Gastric Vein (LGV) and Inferior Mesenteric Vein (IMV) under Nakao Mesenteric Approach for Pancreatic Head Cancer, and Covering the Stump of Gastroduodenal Artery (GDA) using Umbilical Vein

Akimasa Nakao, MD, FACS; *Nagoya, Japan*

Pledgeted Pancreaticoduodenectomy for Patients with Soft Pancreas

Lucas W. Thornblade, MD, MPH; Venu G. Pillarisetty, MD, FACS; *Seattle, WA*

Modified Video-Assisted Retroperitoneal Debridement for Infected Pancreatic Necrosis

Tarin C. Worrest, MD; Erin W. Gilbert, MD, FACS; *Portland, OR*

**VE108 | 4:15-5:45 pm
Hepatobiliary Surgery I**

LOCATION: 160A

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Eren Berber, MD, FACS, *Cleveland, OH*, and Kenneth Cardona, MD, FACS, *Atlanta, GA*

The Use of Right Hepatic Lobe in Living Donor Liver Transplantation

Enrique Moreno Gonzalez, MD, FACS(Hon); Carlos R. Jimenez, MD, FACS; Felix Cambra, MD; Cristina Alegre, MD; *Madrid, Spain*

Robotic Right Hepatectomy

Emilio Vicente, MD, PhD, FACS; Yolanda Y. Quijano, MD, PhD; Hipolito Duran, MD, PhD; Eduardo Diaz, MD; Isabel Fabra, MD; Valentina Ferri, MD; Luis L. Malave, MD; Ricardo Caruso, MD; Monica Nuñez, MD; Jose Carlos Plaza, MD; *Madrid, Spain*

Robotic Revision of Hepaticojejunostomy

Sushruta S. Nagarkatti, MD; Erin H. Baker, MD; David A. Iannitti, MD, FACS; Dionisios V. Vrochides, MD, PhD, FACS, FRCSC; John B. Martinie, MD, FACS; *Charlotte, NC*

Preoperative Simulation and Surgical Approach for a Hepatocellular Carcinoma Invading the Suprahepatic Inferior Vena Cava

Taiji Tohyama, MD, PhD; Kei Tamura, MD; Masahiko Honjo, MD; Katsunori Sakamoto, MD; Jota Watanabe, MD; Hitoshi Inoue, MD; Hisato Yamamoto, MD; Kohei Ogawa, MD; Yasutsugu Takada, MD; *Toon, Japan*

Intraoperative Fluorescence-Guided Common Bile Duct Exploration Post-Cholecystectomy

Luis F. Zorrilla-Nunez, MD; Omobolanle O. Oyefule, MD; Fernando Dip, MD; Emanuele Lo Menzo, MD, PhD FACS; Ramarao Ganga, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *Weston, FL*

Intrahepatic Glissonean Pedicle Approach by Dividing the Liver along the Middle Hepatic Vein from the Cranial Side during Laparoscopic Anatomic Liver Resection of Segment 8

Yusuke Ome, MD; Goro G. Honda, MD, PhD, FACS; Jun Yamamoto, MD; Manami Doi, MD; Yuki Y. Homma, MD; *Bunkyo-ku, Tokyo, Japan*

Central Cholangio-Jejunostomy during Pregnancy after Surgical Lesion of the Common Duct by Laparoscopic Cholecystectomy

Enrique Moreno Gonzalez, MD, FACS(Hon); Alvaro I. Garcia, MD, FACS; *Madrid, Spain*

VE109 | 6:30-8:30 pm**Highlights from ACS Video Library I**

LOCATION: Westin Boston Waterfront Commonwealth Ballroom A+B

TRACK(S): GEN, CRS

COORDINATOR AND PRESIDING OFFICER(S):

Maheer A. Abbas, MD, FACS, FASCRS, *Dubai, UAE*, and Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

PANELIST:

Faek R. Jamali, MD, FACS, *Beirut, Lebanon*

Gustavo G. Fernandez-Ranvier, MD, PhD, FACS, *New York, NY*
Cheguevara Afaneh, MD, FACS, *New York, NY*

Laparoscopic Management of Postoperative Intrathoracic Gastric Sleeve Herniation

Mohammed J. Alkuwari, MD; Moataz Basha, MBChB, FACS; Ahemad Al Najjar, MD; Mohsen Karam, MD; Davit Sargsyan; Nasreen Mahmoud; Saeed Shoar; Alan A. Saber, MBBCh, FACS; *Doha, Qatar*

Laparoscopic Subtotal Gastrectomy and Roux-en-Y Reconstruction for Gastric Outlet Obstruction

Abhiman Cheeyandira, MD, FACS; Lisandro M. Montorfano, MD; Federico Perez Quirante, MD; Nisha Dhanabalsamy, MB, BS; Rajmohan Rammohan, MB, BS; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *Weston, FL*

Laparoscopic Reversal of Gastric Bypass to Normal Anatomy or Sleeve Gastrectomy for Hyperinsulinemic Hypoglycemia

Laura E. Fischer, MD, MS; Mohammad J. Khoraki, MB, BS; Dawn B. Davis, MD, PhD; Guilherme M. Campos, MD, FACS; *San Francisco, CA*

Repair of Rectourethral Fistula with Gracilis Flap and Urethral Reconstruction with Buccal Mucosal Flap

Maheer A. Abbas, MD, FACS, FASCRS; Sherif Aboseif, MD; *Los Angeles, CA*

The LIFT Procedure: A Novel Sphincter-Sparing Treatment for Anal Fistulae

Husein Moloo, MD, FACS; Joshua I. Bleier, MD, FACS; Stanley M. Goldberg, MD, FACS; *Minneapolis, MN*

Laparoendoscopic Resection of a Giant Sessile Cecal Adenoma

John Burke, MD, PhD; Cigdem Benlice, MD; Jean H. Ashburn, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; *Cleveland, OH*

Pure Laparoscopic Right Hemihepatectomy by the Caudodorsal Side Approach

Goro Honda, MD, FACS; Masanao Kurata; Katsunori Sakamoto, MD; Shin Kobayashi, MD; Masahiko Honjo, MD; *Tokyo, Japan*

ALPPS for Recurrent Bilateral Colorectal Liver Metastases

Fernando A. Alvarez, MD; Martin de Santibañes, MD, FACS; Victoria Ardiles; Juan J. Pekolj, MD, FACS; Eduardo de Santibañes, MD, FACS; *Buenos Aires, Argentina*

Two-Stage Hepatectomy Combined with Portal Vein Embolization for Multiple Bilobar Colorectal Liver Metastases

Philippe Bachellier, MD, PhD; *Strasbourg, France*

Side-to-Side Portocaval Anastomosis for Portal Hypertension

William P. Longmire, MD, FACS; Donald G. Mulder, MD, FACS; *Los Angeles, CA*

Resection of Arteriosclerotic Aneurysms of the Abdominal Aorta

Michael E. DeBakey, MD, FACS; Denton A. Cooley, MD, FACS; *Houston, TX*

Tuesday, October 23

VE201 | 9:45-11:15 am

Subject-Oriented Symposium II: Complications during Surgery

LOCATION: 254AB

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

Bladder vs. Transabdominal Preperitoneal Approach (TAPP): Who Taps Out First?

Benjamin L. Clapp, MD, FACS; Matthew M. Wynn; *El Paso, TX*

Hepatic Artery Thrombosis Due to Surgical Energy in Minimally Invasive Pancreaticoduodenectomy

Brij B. Agarwal, MB, BS, FACS; Neeraj Dhamija, MB, BS; Sneha Agarwal, MS; *New Delhi, India*

Conversion of Multiple Failed Nissen Fundoplications with Hiatal Hernia Repairs to Gastric Bypass

Salman Al-Sabah, MD, MBA, FACS, FRCSC; Alcides Branco, MD; *Kuwait City, Kuwait*

Robot-Assisted Laparoscopic Takedown of Nissen Fundoplication with Partial Gastrectomy, Roux-en-Y Reconstruction, and Remnant Gastrostomy Tube

Domenech Asbun, MD; Tariq Almerey, MD; Enrique F. Elli, MD, FACS; *Jacksonville, FL*

Laparoscopic Management of Primary and Recurrent Morgagni Hernia

Laura A. Hill, MD; Shanu N. Kothari, MD, FACS; *La Crosse, WI*

Laparoscopic Removal of an Infected Right Preperitoneal Inguinal Hernia Mesh

Luis F. Zorrilla-Nunez, MD; Rene Aleman, MD; Federico Serrot, MD; Ramarao Ganga, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; Emanuele Lo Menzo, MD, PhD, FACS; *Weston, FL*

Laparoscopic Trans Abdominal Preperitoneal Removal of Right Groin Mesh

Maria C. Fonseca, MD; Mauricio Sarmiento-Cobos, MD; Luis F. Zorrilla-Nunez, MD; Ramarao Ganga, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; Emanuele Lo Menzo, MD, PhD, FACS; *Weston, FL*

VE202 | 9:45-11:15 am

Neurological Surgery

LOCATION: 156ABC

TRACK(S): NEU

COORDINATOR AND PRESIDING OFFICER(S):
John F. Hamilton, MD, FACS; *Falls Church, VA*

Complex Thoracolumbar Reconstruction and Repair of Pseudo Meningocele

Toomas Anton MD, FACS; Gordon Preston DO; *Mayfield Heights, OH*

Neurosurgical Resection of an Axillary Tumor

John F. Hamilton, MD, PhD, FACS; Samuel Bennett; *Falls Church, VA*

Awake Deep Brain Stimulation Electrode Implantation with Intraoperative O-Arm

Hayden M. K. Boyce, MD, FACS; *Grand Rapids, MI*

The Neurosurgical Management of an Intramedullary Spinal Lesion Biopsy

John F. Hamilton, MD, PhD, FACS; Samuel Bennett; *Falls Church, VA*

External Lumbar Drain Trial

Yasaman Alam; Azedine Medhkour, MD, FACS; *Toledo, OH*

Microsurgical Resection of Intradural Myxopapillary Ependymoma of the Cauda Equina: 2-Dimensional Operative Video

Dominic Maggio, MD, MBA; John Lynes, MD; Panagiotis Mastorakos, MD; Edjah K. Nduom, MD; *Bethesda, MD*

Ulnar Nerve Decompression and Submuscular Transposition with Intraoperative Electrophysiological Recording

John F. Hamilton, MD, PhD, FACS; Samuel Bennett; *Falls Church, VA*

VE204 | 12:45-4:00 pm

Cardiothoracic Surgery

LOCATION: 251

TRACK(S): CTS

COORDINATOR AND PRESIDING OFFICER(S):
Thomas J. Birdas, MD, MBA, FACS, *Indianapolis, IN*, and Manu S. Sancheti, MD, FACS, *Atlanta, GA*

Laparoscopic Epiphrenic Diverticulectomy and Esophageal Cardiomyotomy

Sigrid Johannesen, MD; Benjamin C. Axtman, MD; Subrato J. Deb, MD, FACS; *Oklahoma City, OK*

Peroral Endoscopic Myotomy (POEM)

Kristen T. Carter, MD; Jon B. Harrison, MD; Jacob R. Moremen, MD; *Jackson, MS*

Mastering Minimally Invasive Three-Hole Esophagectomy: Tips, Tricks, and Pitfalls

Monisha Sudarshan, MD; Shanda H. Blackmon, MD, MPH, FACS; *Rochester, MN*

Upper Mediastinal Lymph Node Dissection in Robotic Esophagectomy

Shigeru Tsunoda, MD, FACS; Kazutaka KO. Obama, MD; Shigeo Hisamori, MD; Kyoichi Hashimoto, MD, PhD; Yoshiro Itatani, MD; Takahiro Tashiro, MD; Yoshiharu Sakai, MD, FACS; *Kyoto, Japan*

Laparoscopic, Robotic-Assisted Ivor Lewis Esophagectomy

Minia Hellan, MD, FACS; Jose R. Rodriguez, MD, FACS;
Dayton, OH

Endoscopic Vacuum Therapy for the Management of Anastomotic Leaks after Esophagectomy

Oliver S. Chow, MD; Mark W. Maxfield, MD; Peter D. Ngo, MD; Susannah J. Clark, MS, MPAS; Jennifer L. Wilson, MD; Richard I. Whyte, MD, FACS; Sidhu P. Gangadharan, MD; Michael S. Kent, MD, FACS; *Boston, MA*

Repair of Recurrent Paraesophageal and Morgagni Hernias

Roman V. Petrov, MD, FACS; Spencer W. Gale, PA-C; Tatiana V. Kazakova, MD; Rajendra S. Bhati, MD, FACS; *Philadelphia, PA*

Robotic Approach to the Diaphragm for Right-Sided Bochdalek Hernias

James Speicher, MD; Anthony B. Mozer, MD, MBA; Carlos J. Anciano, MD; Mark D. Iannettoni, MD, FACS; *Greenville, NC*

Novel Approach for Repair of Complex Thoracic and Abdominal Hernia

Ancleso Idicula, MD; Edward Daniele, MD; Adel Alhaj Saleh, MD, MRCS; Amir H. Aryaie, MD; Steven E. Brooks, MD, FACS; *Lubbock, TX*

Minimally Invasive Coronary Artery Bypass Surgery Utilizing Bilateral Internal Mammary Arteries

Joseph T. McGinn, MD; *Charlotte, NC*

Sternal-Sparing HeartMate II Insertion

Areo Saffarzadeh, MD, MS; Pramod Bonde, MD, FACS; *New Haven, CT*

Surgical Treatment of Complex Aortic Coarctation in Adults

Perry A. Stout; Swee Lian Tan, MD, PhD, FACS; Joseph F. Teply, MD; *Seattle, WA*

Left Atrial Appendage Occlusion via Left Video-Assisted Thoracoscopic Surgery (VATS) Approach

Lawrence S. Lee, MD, FACS; *Indianapolis, IN*

Robotic-Assisted Resection of Superior Sulcus Ganglioneuroma

Wissam Raad, MD; Faiz Bhora, MB, BS, FACS; *New York, NY*

Robotic First Rib Resection

Joanna Sesti, MD; Ylli Zhubi, MD; Subroto Paul, MD, FACS; *Livingston, NJ*

Robotic Right Upper Lobe Posterior Segmentectomy using da Vinci Xi® Robotic Stapler

Alexander Leung, MD; Kelsey A. Musgrove, MD; Jeremiah W. Hayanga, MD, MPH; Ghulam Abbas, MD; *Morgantown, WV*

Video-Assisted Thoracoscopic Surgery (VATS) Left Upper Lobe Upper Division Segmentectomy

Roman V. Petrov, MD, FACS; Rodney J. Landreneau, MD, FACS; *Philadelphia, PA*

Indocyanine Green and Fluorescence Imaging for Localization of Chyle Leak in Robotic-Assisted Thoracic Surgery

John S. Young, MD; Nguyen M. Le, MD; Julissa E. Jurado, MD; Paul C. Lee, MD, MPH, FACS; *New Hyde Park, NY*

VE205 | 12:45-4:00 pm

General Surgery II: Hernia

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Brian P. Jacob, MD, FACS, *New York, NY* and Dana A. Telem, MD, MPH, FACS, *Ann Arbor, MI*

Grynfeltt-Lesshaft Hernia: Laparoscopic Lumbar Hernia Repair

Victor E. Martinez Zavala, MD; Andres Giovannetti, MD; Michael J. Peters, MD; Charles R. Gruner, MD, FACS; *Evanston, IL*

Laparoscopic Rives-Stoppa Repair for Incisional and Primary Ventral Hernia's (New Reproducible Technique)

Ashwin Thangavelu, MB, BS, FACS; *Coimbatore, India*

Down to Up Transversus Abdominis Release and Intestinal Resection for the Treatment of a Multirecurrent Incisional Hernia

Miguel A. Garcia Urena, MD, PhD, FACS; Carlos San Miguel, MD, PhD; Luis A. Blazquez Hernando, MD; Laura L. Roman-Garcia de León, MD; Alvaro R. Valle de Iersundi, MD, PhD; Arturo Cruz Cidoncha, MD; Patricia Lopez Quindos, MD; Daniel A. Melero, MD; *Madrid, Spain*

Posterior Rectus Sheath Release: A Novel, More Anatomical Posterior Components Separation Technique

Miguel A. Garcia Urena, MD, PhD, FACS; Javier Lopez-Monclus, MD, PhD, FACS; Carlos San Miguel, MD, PhD; Daniel A. Melero, MD; Luis A. Blazquez Hernando, MD; Alvaro R. Valle de Iersundi, MD, PhD; Enrique E. Gonzalez, MD, PhD; Asunción Aguilera Velardo, MD; *Coslada, Spain*

Totally Extraperitoneal Laparoscopic Ventral Hernia Repair

Jagpreet S. Deed, MB, BS, MS, DNB, MRCS, FACS; *Sharjah, UAE*

Approaching a Complex Giant Subcostal Bilateral Incisional Hernia with a Posterior Components Separation Technique through the Previous Subcostal Incision

Javier Lopez-Monclus, MD, PhD, FACS; Jose L. Lucena, MD, PhD; Mariano Artés Caselles, MD; Maria D. Chaparro, MD; Laura Roman-Garcia de León, MD; Pau Pla, MIR; Daniel D. González Plo, MD; Joaquin Muñoz-Rodriguez, MD; Elena Jimenez-Cubedo, MD; Miguel A. Garcia-Urena, MD, PhD, FACS; *Madrid, Spain*

Open Retromuscular Repair of Complex Parastomal Hernia

Hemasat Alkhatib, MD; Luciano Tastaldi, MD; Clayton C. Petro, MD; Dominykas Burneikis, MD; David M. Krpata, MD; Steven M. Rosenblatt, MD, FACS; Ajita S. Prabhu, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Abdominal Wall Reconstruction Using Bilateral Transversus Abdomens Release (TAR) and Pre-Peritoneal Mesh with Fibrin Glue

John P. Fischer, MD; *Philadelphia, PA*

Laparoscopic Repair of Traumatic Diaphragmatic Injury

Nathan C. Boren, MD; Rami E. Lutfi, MD, FACS; *Chicago, IL*

Robotic Repair of Remote Traumatic Diaphragmatic Hernia

Karalyn Bentley-Kumar, MD; Alejandro Mejia, MD, FACS; Dallas, TX

Laparoscopic Repair of Post-Traumatic Diaphragmatic Hernia

Luis F. Zorrilla-Nunez, MD; Hira Ahmad, MD; Ramarao Ganga, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; *Weston, FL*

Laparoscopic Management of Strangulated Broad Ligament Hernia

Arpit Patel, MD; Alan A. Saber, MBBCh, FACS; *Newark, NJ*

Essential Points of Laparoscopic Repair of Morgagni Hernia

Philip E. George, MD; Robert E. Sweeney, MD; Daniel M. Herron, MD, FACS, FASMB; *New York, NY*

Laparoscopic Retroperitoneal Triple Neurectomy for Chronic Groin Pain after Inguinal Hernia Repair

David M. Krpata, MD; Clayton C. Petro, MD; Luciano Tastaldi, MD; Ajita S. Prabhu, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Laparoscopic Anterior Resection for Management of Colon Fistulization to Mesh from Previous Groin Hernia Repair

Michael T. Fastiggi, MD; Scott Q. Nguyen, MD, FACS; *New York, NY*

Laparoscopic Giant Prosthetic Reinforcement of the Visceral Sac (GPRVS) for Treatment of Large Scrotal Inguinal Hernia

Bruno L. Hernani, MD; Luciano Tastaldi, MD; Paulo Henrique F. Barros, MD; Iron P. Abreu Neto, MD; Pedro Henrique F. Amaral, MD; Rodrigo A. Silva, MD, PhD; Sergio Roll, MD, PhD, FACS; *Sao Paulo, Brazil*

VE206 | 2:30-4:00 pm

Otolaryngology–Head and Neck Surgery

LOCATION: 160A

TRACK(S): OTO

COORDINATOR AND PRESIDING OFFICER(S):
Mark E. Zafereo, MD, FACS, *Houston, TX*

PANELIST:

Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

Follicular Carcinoma with Mediastinal Extension: A Case Report

Ma. Leonila Mendoza, MD; Remoo Caballero, MD; Roberto A. Sarmiento, MD; Rommel M. Galicia, MD, FACS; Joseph D. Bichara, MD, FACS; *Naga City, Philippines*

Completion Thyroidectomy using the Transoral Endoscopic Vestibular Approach (TOETVA): A Single-Center Experience

Kathleen S. Chua, MD; *Manila, Philippines*

Indocyanine Green Lymphangiography for Thoracic Duct Identification and Injury Recognition

Jeffery M. Chakedis, MD; Lawrence A. Shirley, MD, FACS; Alicia M. Terando, MD, FACS; Roman J. Skoracki, MD, FACS; John E. Phay, MD, FACS; *Columbus, OH*

Cervical Hemangiopericytoma

Tamara N. Almada, MD, FACS, MAAC; Maria V. Chiacchio, MD; Yanina V. Ruiz Diaz, MD; Javier L. Rossi, MD, FACS; Francisco A. Santucho Saravia, MD, MAAC; *Buenos Aires, Argentina*

Parotidectomy for Recurrent Pleomorphic Adenoma: A Surgical Challenge

Ma. Leonila Mendoza, MD; Mary Rose C. Mendoza, MD; Roberto A. Sarmiento, MD, MHA; Rommel M. Galicia, MD, FACS; *Naga City, Philippines*

Pharyngo-Laryngo-Esophagectomy with Laparoscopic Gastric Pull-Up: A Reappraisal for the Pharyngoesophageal Junction Cancer

Cristiano Huscher, MD, FACS, FRCS; *Benevento, Italy*

Retropharyngeal Lymph Node Dissection for Papillary Thyroid Cancer

Justin A. Tran; Mark E. Zafereo, MD, FACS; *Houston, TX*

VE207 | 2:30-4:00 pm

Subject-Oriented Symposium III: Pearls and Pitfalls in General Surgery

LOCATION: 254AB

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Ankit D. Patel, MD, FACS, *Decatur, GA*, and Maher A. Abbas, MD, FACS, FASCRS, *Dubai, UAE*

Laparoscopy for Small Bowel Obstruction: When and How

Kevin M. El-Hayek, MD, FACS; *Cleveland, OH*

Complex Colonic Fistulas: A Laparoscopic Approach?

John Migaly, MD, FACS, FASCRS; *Durham, NC*

Total Mesorectal Excision for Rectal Cancer: Tips and Tricks

Faek R. Jamali, MD, FACS; *Beirut, Lebanon*

Laparoendoscopic Resection of Gastrointestinal Tumors: Pushing the Limit of Surgical Endoscopy

Emre Gorgun, MD, FACS, FASCRS; *Cleveland, OH*

Cholecystectomy: Beyond the Critical View

Eugene O. Dickens, MD, FACS; *Tulsa, OK*

Approaching the Challenging Hiatus

Prakash Gatta, MB, BS, FACS; *Tacoma, WA*

How to Approach a Ventral Hernia

James G. Bittner IV, MD, FACS; *Richmond, VA*

VE208 | 4:15-5:45 pm

Endocrine Surgery

LOCATION: 160A

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*, and Eren Berber, MD, FACS, *Cleveland, OH*

Parathyroid Auto-Fluorescence during Parathyroidectomy

John E. Phay, MD, FACS; *Columbus, OH*

Subtotal Parathyroidectomy Guided by Autofluorescence Imaging

Emin Kose, MD; Bora Kahramangil, MD; Mustafa Donmez, MD; Husnu Aydin, MD; Eren Berber, MD, FACS; *Cleveland, OH*

Robotic Transaxillary Thymectomy for Intrathymic Parathyroid: Successful Treatment of Primary Hyperparathyroidism

Joana E. Ochoa, MD; Emad Kandil, MBBCh, FACS; Sang-Wook Kang, MD; *New Orleans, LA*

Transaxillary Robotic Left Lateral Neck Dissection

Hassan Alzahrani, MD; Khuzema Mohsin, MD; Sang-Wook Kang, MD; Emad Kandil, MBBCh, FACS; *New Orleans, LA*

Robotic Cortical-Sparing Bilateral Adrenalectomy with Indocyanine Green Angiography

John C. Hardaway, MD, PhD; Kun-Tai Hsu, MD; Bradford K. Mitchell, MD, FACS; *East Lansing, MI*

Robot-Assisted Right Adrenalectomy Tips and Tricks for Bulky and/or Retrocaval Non Secreting Lesions

Gabriela M. Aguiluz, MD; Mario A. Masrur, MD, FACS; Roberto Bustos, MD; Valentina Valle, MD; Alberto Mangano, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Robot-Assisted Resection of a Periaortic Paraganglioma/ Pheochromocytoma

Gabriela M. Aguiluz, MD; Mario A. Masrur, MD, FACS; Roberto Bustos, MD; Alberto Mangano, MD; Valentina Valle, MD; Luis F. Gonzalez Ciccarelli, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Robotic Spleen-Preserving Distal Pancreatectomy for Neuroendocrine Tumor

Emin Kose, MD; Bora Kahramangil, MD; Mustafa Donmez, MD; Husnu Aydin, MD; Eren Berber, MD, FACS; *Cleveland, OH*

VE209 | 4:15-5:45 pm

International Video Session

LOCATION: 156ABC

TRACK(S): GEN, INT

COORDINATOR AND PRESIDING OFFICER(S):

Giovanni Dapri, MD, PhD, FACS, *Brussels, Belgium*

PANELISTS:

Shamir O. Cawich, MB, BS, FACS, *St. Augustine, Trinidad and Tobago*

Mitsuo Shimada, MD, FACS, *Tokushima, Japan*

Magnetic Sphincter Augmentation for Refractory Gastroesophageal Reflux Disease (GERD) after Billroth II Gastrectomy

Emanuele L. G. Asti, MD, FACS; Daniele T. Bernardi, MD; Luigi Bonavina, MD, FACS; *Milan, Italy*

Perforated Gastric Carcinoma: Two-Stage Laparoscopic Approach including Hyperthermic Intraperitoneal Chemotherapy (HIPEC)

Emanuele L. G. Asti, MD, FACS; Daniele T. Bernardi, MD; Luigi Bonavina, MD, FACS; *Milan, Italy*

Retrosternal Laparoscopic Colonic Bypass after Esogastrectomy for Caustic Lesion

Cristiano Huscher, MD, FACS, FRCS; *Benevento, Italy*

Psychiatric Disease or Paraesophageal Hernia?

Angelo Ferreira, MD, FACS; Rui R. Farinha, MD; Olimpio Marques; *Lisbon, Portugal*

Laparoscopic Repair of Bochdalek Hernia

Ahmad G. Abutaka, MD; Ahmed Suliman, MD, MRCS, FACS; Mohammed Khairat; *Doha, Qatar*

Minimally Invasive Ivor-Lewis Esophagectomy with Indocyanine Green Fluorescent Lymphnodes Mapping and Angiography

Luigi Boni, MD, FACS; Andrea Garbuglia, MD; Elisa Cassinotti, MD, PhD; Marco Pagani, MD; Al'ona Yakushkina, MD; *Milan, Italy*

Minimally Invasive Surgery with Minimal Resources: Our Very Low-Cost Single-Port Device

Jorge Ruiz-Lizárraga, MD; José A. Carrasco Rojas, MD; Jesús Tapia Jurado, MD, FACS; Rafael Alcocer Montero; *Mexico City, Mexico*

VE210 | 6:30-8:30 pm

Highlights from ACS Video Library II

LOCATION: Westin Boston Waterfront Commonwealth Ballroom A+B

TRACK(S): GEN, CRS, TRA

COORDINATOR AND PRESIDING OFFICER(S):

Alan A. Saber, MBBCh, FACS, *Newark, NJ*

PANELISTS:

Hassan A. Al Thani, MBBCh, FACS, *Doha, Qatar*

Jacques Himpens, MD, PhD, *Brussels, Belgium*

Mousa A. R. Khoursheed, MBChB, FACS, FRCS, FASMBS, *Safat, Kuwait*

Adam M. Kopelan, MD, FACS, *Newark, NJ*

Almino C. Ramos, MD, MSc, PhD, FACS, FASMBS, *Sao Paulo, Brazil*

Raul J. Rosenthal, MD, FACS, FASMB, *Weston, FL*

Completely Intracorporeal Hand-Sewn Laparoscopic Anastomosis during Whipple Procedure

Giovanni Dapri, MD, PhD, FACS; Nigel A. Bascombe, MD, FACS; *Brussels, Belgium*

Laparoscopic Repair of Colonic Anastomotic Leak

Anya Romanoff, MD; Alexander J. Greenstein, MD, FACS; *New York, NY*

Meandering Mesenteric Artery (MMA) and Its Significance in Colon Surgery

Anusak Yiengpruksawan, MD, FACS; *Ridgewood, NJ*

The Difficult Splenic Flexure: The Four Pathways to Achieve an Adequate Mobilization

Raquel Gonzalez-Heredia, MD, PhD; Federico Gheza, MD; Luis F. Gonzalez-Ciccarelli, MD; Pablo Quadri, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Laparoscopic Armamentarium for Common Bile Duct Stones Clearance: Tricks and Tips

Dario Tartaglia, MD; Giuseppe Zocco; Luigi Cobuccio; Andrea Bertolucci, MD; Adolfo Puglisi, MD; Christian Galatioto, MD; Massimo Chiarugi, MD, FACS; *Pisa, Italy*

Recurrent Hiatal Hernia after Failed Robotic Repair: A Barbed Suture Technique without Mesh

Raul J. Rosenthal, MD, FACS; Abraham Abdemur, MD; Alexander Ramirez, MD, FACS; Alex Ordonez, MD, FACS; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Multivisceral Resection for Malignant Gastrointestinal Stromal Tumor (GIST)

Barry A. Salky, MD, FACS; *New York, NY*

Laparoscopic Splenectomy for Large Abscess and Failed Nonoperative Management (NOM) after Splenic Angioembolization for Blunt Trauma

Salomone Di Saverio, MD, FACS; Edoardo Segalini, MD; Arianna Birindelli; Alberto Casati, MD; Andrea Biscardi, MD; Dominique Spacca; Sherman Kwan; Carlo Coniglio, MD; Paula Ferrada, MD, FACS; Gregorio G. Tugnoli, MD; *Bologna, Italy*

Laparoscopic Management of Internal Hernia after Roux-en-Y Gastric Bypass

Matthew D. Spann, MD, FACS, D. Brandon Williams, MD, FACS; *Nashville, TN*

Early Small Bowel Obstruction Due to Incarceration at Peritoneal Defect after Total Extraperitoneal (TEP) Repair

Chaya Shwaartz, MD; Alexandra Argiroff, MD; Celia M. Divino, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD, FACS; Edward H. Chin, MD, FACS; *New York, NY*

"Candy Cane" Roux Syndrome: Surgical Management, Complications and Lessons Learned

Emanuel E. Nearing, II, MD; Shanu N. Kothari, MD, FACS; Brandon T. Grover, DO, FACS; *La Crosse, WI*

Laparoscopic Approach to Chronic Leak after Sleeve Gastrectomy

Jessica Ardila Gatas, MD; Gautam Sharma, MD; John H. Rodriguez, MD, FACS; Matthew D. Kroh, MD, FACS; *Cleveland, OH*

Wednesday, October 24

VE301 | 8:00-11:15 am

Pediatric Surgery

LOCATION: 160A

TRACK(S): PED

COORDINATOR AND PRESIDING OFFICER(S):

Shawn D. St. Peter, MD, FACS, *Kansas City, MO*, and Barbara A. Gaines, MD, FACS, *Pittsburgh, PA*

Recurrent Aspiration Pneumonia in a 20 Month Old

Matthew Alexander, MD; Sarah K. Walker, MD; Graeme Pitcher, MBChB, FACS; Erica Carlisle, MD; Joel Shilyansky, MD, FACS; Julia Shelton, MD, MPH; *Iowa City, IA*

Thoracoscopic Excision of Type 0 Congenital Pulmonary Airway Malformation (CPAM)

Gustavo A. Villalona, MD, FACS; Saurabh Saxena, MD; Armando S. Munoz Abraham, MD, MBEE; Hector Osei, MD; Madelyn M. Winkelmann; Antoinette Hu; Clint D. Cappiello, MD; Jose Greenspon, MD, FACS, FAAP; *St. Louis, MO*

Thoracoscopic Pneumatocele Excision following Necrotizing Pneumonia

Colleen M. Fitzpatrick, MD, FACS; Armando S. Munoz Abraham, MD, MBEE; Saurabh Saxena, MD; David J. Starr; Hector Osei, MD; *St. Louis, MO*

Lymphatic Injuries after Blunt Trauma in Children

Ali El Mokdad, MD; Genette Bergman; Shellie Josephs, MD; Elie Balesh, MD; Faisal G. Qureshi, MB, BS, FACS; *Dallas, TX*

Laparoscopic Esophagogastric Dissociation

Naomi-Liza Denning, MD; Nathan P. Heinzerling, MD; Aaron M. Lipskar, MD, FACS; Jose M. Prince, MD, FACS; *New Hyde Park, NY*

Thal Fundoplication for Refractory Gastroesophageal Reflux Disease Following Esophageal Atresia and Tracheoesophageal Fistula Repair

Justin A. Sobrino, MD; Hanna Alemayehu, MD; Shawn D. St. Peter, MD, FACS; David Juang, MD, FACS; *Kansas City, MO*

Laparoscopic Partial Hepatectomy for Accessory Liver Lobe Torsion

Jessica Y. Liu, MD; Dexter Mendoza, MD; Sarah J. Hill, MD; Sarah S. Milla, MD; Jonathan Meisel, MD, FACS; *Atlanta, GA*

Laparoscopic Partial Splenectomy for a Large Splenic Cyst

Raghavendra Rao, MD; Sophia Abdulhai, MD; Todd A. Ponsky, MD, FACS; Mark McCollum, MD; *Akron, OH*

Bilateral Laparoscopic Subtotal Adrenalectomy via a Retroperitoneal Approach

Guy Jensen, MD, MPH; Shinjiro Hirose, MD, FACS; Michael Campbell, MD; Jacob T. Stephenson, MD, FACS; Rebecca R. Stark, MD; Payam Saadai, MD; *Sacramento, CA*

Laparoscopic Cholecystectomy with Intraoperative Cholangiogram and Common Bile Duct Exploration in a Three-Month-Old Male

Jordan S. Taylor, MD; Chad M. Thorson, MD, MSPH; Matias Bruzoni, MD, FACS; *Stanford, CA*

Laparoscopic Excision of Duodenal Duplication Cyst

Lindel C. Dewberry, MD; Stig Somme, MD, FACS; *Aurora, CO*

Laparoscopic Enucleation of a Pancreatic Mass in a Child

Joseph Sujka, MD; Hanna Alemayehu, MD; Jason D. Fraser, MD, FACS; *Kansas City, MO*

Laparoscopic Reduction of Acute Midgut Volvulus and Ladd's Procedure in a 2.6kg Neonate

Megan E. Cunningham, MD; Caitlin S. Hoover, PA-C; Caroline V. Hornberger, PA-C; Sohail R. Shah, MD, MSHA, FACS; *Houston, TX*

Utilizing the Transabdominal Preperitoneal (TAPP) Repair in Adolescents: A Review of Literature and Case-Series Presentation

Jacob D. Campbell, DO, MPH; Christine Rader, MD, FACS; Meghna Misra, MD, MS, FACS; Shefali Thaker, MPH; Chike V. Chukwumah, MB, BS, FACS; *Hartford, CT*

Laparoscopic Oophorectomy for Ovarian Tissue Cryopreservation

Kristine S. Corkum, MD; Courtney J. Harris, MD; Erin Rowell, MD, FACS; Timothy B. Lautz, MD; *Chicago, IL*

Laparoscopic Sigmoid Resection and Appendicostomy for Severe Constipation

Laura Galganski, MD; Jacob C. Langer, MD, FACS; Shinjiro Hirose, MD, FACS; Rebecca R. Stark, MD; Payam Saadai, MD; *Sacramento, CA*

Laparoscopic Rectopexy: A Safe, Minimally Invasive Approach to Treat Pediatric Rectal Prolapse

Ilan I. Maizlin, MD; Kelly A. Garrett, MD, FACS, FASCRS; Melissa L. Rose, MD; Adham Elmously, MD; Iskander Bagautdinov; Stephen P. Oh, MD; *New York City, NY*

VE302 | 8:00-11:15 am

General Surgery III: Foregut

LOCATION: 156ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Leena Khaitan, MD, FACS, *Cleveland, OH*

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

PANELISTS:

Jon C. Gould, MD, FACS, *Milwaukee, WI*, and Anna R. Ibele, MD, FACS, *Salt Lake City, UT*

A Laparoscopic Approach to a Submucosal Tumor in a Complex Patient

Edward L. Felix, MD, FACS; David L. Maccabee, MD, FACS; Carol A. McCloskey, MD, FACS; Anna L. Goodge, RN, MSN, NP-C; *Santa Maria, CA*

Distal Esophagectomy and Isoperistaltic Colon Interposition as Definitive Treatment of Achalasia after Repeated Surgical Operations

Enrique Moreno Gonzalez, MD, FACS(Hon); Carmelo Loinaz, MD, FACS; Alvaro I. Garcia, MD, FACS; Alejandro Marcacuzco, MD; *Madrid, Spain*

Robotic Assisted Heller Myotomy with Toupet Fundoplication

Andrew Lin, MD; Peter W. Lundberg, MD; T. Javier Birriel, MD; Leonardo Claros, MD, FACS, FASMBS; Maher El-Chaar, MD; *Allentown, PA*

Laparoscopic Diaphragmatic Hernia Repair in the Adult Patient

Jessica Ardila Gatas, MD; Matthew T. Allemang, MD; Jeffrey L. Ponsky, MD, MBA, FACS; James P. Villamere, MD; John H. Rodriguez, MD, FACS; *Cleveland, OH*

Thoracoscopic Enucleation of Large Esophageal Leiomyoma

Luigi Boni, MD, FACS; Ludovica Baldari, MD; Massimiliano Della Porta, MD, PhD; Marco Pagani, MD; Elisa Cassinotti, MD, PhD; *Milan, Italy*

Laparoscopic Excision of Lower Esophageal Diverticula with Heller Myotomy and Toupet Fundoplication

Luis F. Zorrilla-Nunez, MD; Rene Aleman, MD; Kandace Kichler, MD; Emanuele Lo Menzo, MD, PhD, FACS; Ramarao Ganga, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *Weston, FL*

Laparoscopic Endogastric Resection of Endoluminal Tumors: Technique and Variations

Edmund W. Lee, MD; Patrick J. Worth, MD; Brendan C. Visser, MD, FACS; *Stanford, CA*

Laparoscopic Hiatal Hernia Repair with Posterior Cruroplasty and Magnetic Sphincter Augmentation in a Patient with Gastroesophageal Reflux Disease (GERD) and Large Type III Hiatal Hernia

Catherine Tsai, MD; Jörg Zehetner, MD, FACS; *Berne, Switzerland*

Peroral Endoscopic Tumor (POET) Resection of Esophageal Tumor by Peroral Endoscopic Myotomy (POEM) Techniques

Cesar Jaurrieta Rico, MD; Homero Rivas, MD, MBA, FACS; *Stanford, CA*

Laparoscopic Hiatal and Parahiatal Hernia Repair with Mesh

Emily Benham, MD; Kyle A. Perry, MD, FACS; Nathan Lafayette, MD; *Columbus, OH*

Robotic Paraesophageal Hernia Repair of Large Type IV Hernia

Sara Monfared, MD; Dimitrios Stefanidis, MD, PhD, FACS; *Carmel, IN*

The Use of Real Time Functional Lumen Imaging Probe (FLIP) Panometry during Surgical Myotomy for Achalsia

Ryan J. Campagna, MD; Dustin A. Carlson, MD; Ezra N. Teitelbaum, MD; Nathaniel J. Soper, MD, FACS; John E. Pandolfino, MD; Eric S. Hungness, MD, FACS; *Chicago, IL*

Robotic Recurrent Hiatal Hernia Repair, Collis Gastroplasty, and Nissen Fundoplication

Dietric L. Hennings, MD; Crystal M. Krause, PhD; Dmitry Oleynikov, MD, FACS; *Omaha, NE*

Dual Scope Approach for the Repair of a Complex Diaphragmatic Hernia

Jenny Lam, MD; Thach Pham, MD; David Bernstein, MD; Carlos Maeda, MD; Toshiaki Suzuki, MD; Garth R. Jacobsen, MD, FACS; Bryan J. Sandler, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Laparoscopic Repair of Massive Type IV Paraesophageal Hernia with Acute Colonic Obstruction using Biologic Mesh, and Toupet Fundoplication

Michael A. Antiporda, MD; Daniel B. Kim, MD; Domenech Asbun, MD; Ian Makey, MD; Enrique F. Elli, MD, FACS; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

VE303 | 9:45-11:15 am

Urological Surgery

LOCATION: 251

TRACK(S): URO

COORDINATOR AND PRESIDING OFFICER(S):

Leslie A. Deane, MB, BS, MS, FACS, FRCS, *Chicago, IL*

PANELIST:

Daniel J. Canter, MD, FACS, *New Orleans, LA*

Laparoscopic Pyelolithotomy

Alan A. Saber, MBBCh, FACS; Arpit Patel, MB, BS, FACS; Tarek El-Ghazaly, MD; Abdulla Al-Ansari, MD; *Doha, Qatar*

Laparoendoscopic Pyelolithotomy and Pyeloplasty in a Pediatric Patient

Jessica H. Hannick, MD; Ahmad Mousa, BSc; Walid A. Farhat, MD, FACS; *Toronto, Ontario*

Robotically Assisted Repair of a Stomal Stenosis in Patient with an Ileal Conduit

Dunia Khaled, MD; Hayden Jahn, MD; Daniel J. Canter, MD, FACS; *New Orleans, LA*

Robotic Bladder Neck Reconstruction for Post-Prostatectomy Bladder Neck Contracture

Woodson W. Smelser, MD; David A. Duchene, MD, FACS; *Kansas City, KS*

Robot-Assisted Laparoscopic Excision of the Urachus with Partial Cystectomy with Rare Pathologic Findings

Edward M. Capoccia, MD; Wei Phin Tan, MD; Benjamin R. Veenstra, MD; Sara Javidiparsijani, MD; Paolo Gattuso, MD; Leslie A. Deane, MB, BS, MS, FACS, FRCSC; *Chicago, IL*

Robotic Reconstruction of the IVC with a Pericardial Patch: Management of Renal Cell Cancer with Level III Thrombus

Naveen Pokala, MD; Lukas Hockman, MD; Logan W. McGuffey, MD; *Columbia, MO*

Robotic Pyelolithotomy for the Intact Removal of a Complete Staghorn Calculus: A Feasible Approach Even after Previous Open Pyelolithotomy

Alexander K. Chow, MD; Raymond Yong; Leslie A. Deane, MB, BS, MS, FACS, FRCSC; *Chicago, IL*

Robotic Partial Nephrectomy for Renal Congenital Anomalies in Adults: Tips, Tricks, and Outcomes

Michael W. Sourial, MD; Debra Zynger; Geoffrey N. Box, MD; *Columbus, OH*

VE304 | 9:45-11:15 am

Vascular Surgery

LOCATION: 254AB

TRACK(S): VAS

COORDINATOR AND PRESIDING OFFICER(S):

Samuel R. Money, MD, FACS, *Phoenix, AZ*

PANELISTS:

Ellen D. Dillavou, MD, FACS, *Durham, NC*

Matthew J. Eagleton, MD, FACS, *Cleveland, OH*

Great Vessel Reconstruction for Aortic Arch Atherosclerotic Disease

Bryan A. Ehlert, MD; Carlos J. Anciano, MD; *Greenville, NC*

Transcarotid Stenting and Revascularization using Flow Reversal for Neuroprotection: Trans Carotid Artery Revascularization (TCAR) Procedure

Mark D. Balceriuk, MD; Michael C. Stoner, MD, FACS; *Rochester, NY*

Surgical Thromboembolectomy of the Superior Mesenteric Artery for Acute Ischemia

Neal R. Barshes, MD, MPH, FACS; *Houston, TX*

Aortoiliac Aneurysm Repair with Bilateral Iliac Branched Stent Grafting

Michael C. Soult, MD; Heron E. Rodriguez, MD, FACS; Mark K. Eskandari, MD, FACS; *Chicago, IL*

Reconstruction of the Inferior Vena Cava in Retroperitoneal Leiomyosarcoma Resection

Tam T. Huynh, MD, FACS; George T. Pisimisis, MD, FACS; Reza J. Mehran, MD, FACS; *Houston, TX*

Laser-Assisted Endovascular Retrieval of a Hook-Embedded Gunther Tulip Vena Cava Filter

Michael R. Arnold, MD; Mark L. Lessne, MD; Bradley W. Thomas, MD, FACS; Michael J. Avery; Peter E. Fischer, MD, FACS; Ashley B. Christmas, MD, FACS; Ronald F. Sing, DO, FACS; *Charlotte, NC*

Open Inferior Vena Cava Filter Removal

Taylor M. Harris; Michael B. Freeman, MD, FACS; Michael M. McNally, MD, FACS; *Knoxville, TN*

Robotic IVC Filter Explantation

Victor J. Davila, MD; Erik P. Castle, MD, FACS; *Phoenix, AZ*

VE306 | 12:45-4:00 pm

Colon and Rectal Surgery I

LOCATION: 156ABC

TRACK(S): CRS

COORDINATOR AND PRESIDING OFFICER(S):

Maheer A. Abbas, MD, FACS, FASCRS, *Dubai, United Arab Emirates*

PANELIST:

Wissam J. Halabi, MD, *Sacramento, CA*

Marco J. Tomassi, MD, FACS, *San Diego, CA*

Laparoscopic Partial Cecectomy for Unsuspected Appendiceal Adenocarcinoma: Making the Case for an Interval Appendectomy

Jadd W. Koury, MD, FACS; Daniel A. Lim, DO; *Harrisburg, PA*

Laparoscopic Proctosacralectomy

Haroldo Igreja, Jr., MD; Vilson L. Batista, MS; Bruno Carvalho, MD; Rodrigo A. Rios, MD; Juliana G. Coelho, MD; Lucas S. Tavares, MD; *Campos dos Goytacazes, Brazil*

Hinchey Class IV Laparoscopic Peritoneal Lavage

Tanya Olszewski, MD; Robert K. Josloff, MD, FACS; Abraham A. Betancourt, MD; *Abington, PA*

Magnetic-Assisted Single-Port Partial Colectomy

Gerardo Davalos, MD; Billy Y. Lan, MD; Daniel Guerron, MD; Dana D. Portenier, MD, FACS; *Durham, NC*

Technical Pearls for Laparoscopic Hartmann's Reversal with Intracorporeal Anastomosis

Elizabeth Hechenbleikner, MD; Barry Salky, MD, FACS; *New York, NY*

Retroperitoneal Laparoscopy and Trans Anal Minimally Invasive Surgery (TAMIS) Resection for Mesorectal Lymph Node Recurrence

Benedetto Ielpo, MD, PhD, FACS; Vicente Simo, MD; Alfonso Corona, MD; Vicente Manuel Orille, MD; Enrique Pastor Teso, MD; Jesus Silva Fernandez, MD; Adriana Caverio, MD; Jorge Arredondo, MD, PhD; Maria V. Diago, MD, PhD; *Leon, Spain*

Laparoscopic Pouchpexy for Prolapsing J-Pouch

John D. Hunter, MD; Paul F. Rider, Jr., MD, FACS; Leander M. Grimm, MD, FACS; *Mobile, AL*

S-Pouch to the Rescue

H. Hande Aydinli, MD; Michael J. Grieco, MD; Hasan T. Kirat, MD; Feza H. Remzi, MD, FACS; *New York, NY*

Pelvis-First Approach to Robotic Proctectomy: Rectal Cancer in a Patient with Lynch Syndrome and Redundant Colon

Yun Yang, MD; Songphol Malakorn, MD, FACS; Kelly R. Maldonado, MPAS, PA-C; Colleen M. Kiernan, MD, MPH; Selvi Thirumurthi, MD, MS; Y. Nancy You, MD, MHSc, FACS; Houston, TX

Robotic-Assisted Abdominosacral Excision of Presacral Cyst
Patrick Hartendorp, MD; Fahd Ali, MD, FACS; Thomas A. Davenport, MD, FACS; Collin E. M. Brathwaite, MD, FACS; Mineola, NY

da Vinci-Assisted Takedown of Iatrogenic Rectovaginal Fistula through Posterior Vaginectomy

Oswaldo Zumba, MD; Milind D. Kachare, MD; Lorna Rodriguez-Rodriguez, MD, PhD; Nell M. Patel, MD, FACS; New Brunswick, NJ

Balloon-Assisted Resection (BAR) Technique Using DiLumen Platform

Ipek Sapci, MD; Emre Gorgun, MD, FACS, FASCRS; Cleveland, OH

Controversial Results of Indocyanine Green (ICG) Angiography: Making Decisions in Colorectal Surgery
Diego C. Marines, MD; Jorge R. Rodriguez Gaytan; Houston, TX

Wide Local Excision of Perianal Paget's Disease

Ipek Sapci, MD; Jim P. Tiernan, MD, PhD; Raffi Gurunluoglu, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; Cleveland, OH

Strategies to Manage a Complex Reoperative Abdomen and Enterocutaneous Fistulas

H. Hande Aydinli, MD; Michael J. Grieco, MD, FACS; Hasan T. Kirat, MD; Feza H. Remzi, MD, FACS; New York, NY

Re-Recurrent Rectal Prolapse

James W. Ogilvie, MD, MS, FACS; Grand Rapids, MI

VE307 | 12:45-4:00 pm

Surgical Cases in Trauma

LOCATION: 254AB

TRACK(S): TRA

COORDINATOR AND PRESIDING OFFICER(S):
Christopher J. Dente, MD, FACS, Atlanta, GA

PANELISTS:

Mark D. Cipolle, MD, PhD, FACS, FCCM, Newark, DE
Alexander L. Eastman, MD, MPH, FACS, Dallas, TX

Laparoscopic Distal Pancreatectomy for Grade III Blunt Pancreatic Injury

Ibrahim N. Afifi, MBBCh, PhD, FACS; Yasir A. Al-Zubaidi, MD, FRCSI; Hiba Abdel-Aziz, MBBCh, FACS; Hassan Al-Thani, MBBCh, FACS; Doha, Qatar

Mass Casualty Incident, Follow-Through—Point of Injury to Recovery Room

Anthony J. LaPorta, MD, FACS; William H. Robinson, MS3; Ryan Shelton; Englewood, CO

Laparoscopic Trauma Exploration with Bladder Injury Repair and Assisted Loop Sigmoid Colostomy

Husham Mohamed M. Ahmed, MBBCh; Yasir Al-Zubaidi, MD, FRCSI; Hassan Al-Thani, MBBCh, FACS; Ruben Peralta, MD, FACS, FCCM; Ibrahim N. Afifi, MBBCh, PhD, FACS; Talat S. Chughtai, MD, FRCS; Ammar Al-Ani, FRCSI; Ahmad Albakr, MD; Doha, Qatar

The Atriocaval Shunt: A Demonstration in a Porcine Model
April A. Grant, MD; Kenneth D. Stahl, MD, FACS; Miami, FL

Flank Gunshot Wound Videolaparoscopy: A Useful Diagnosis and Treatment Method

Francisco D. Collet E Silva, MD, FACS; Jeammy J. Perez, MD; Carlos Augusto M. Menegozzo, MD; Sergio H. Damous, MD, FACS; Celso O. Bernini, MD; Edivaldo Utiyama, MD, PhD, FACS; Sao Paulo, Brazil

Duodenal Exposure for Trauma

Elizabeth R. Benjamin, MD, PhD, FACS; Caroline Park, MD, MPH; Lydia Lam, MD, FACS; Kenji Inaba, MD, FACS, FRCS; Demetrios Demetriades, MD, PhD, FACS; Los Angeles, CA

Laparoscopic Hartmann's Procedure: A Feasible Approach for Stable Patients with Colonic Trauma

Cristina Frattini, MD; Arianna Birindelli, MD; Edoardo Segalini, MD; Alberto Casati, MD; Gregorio G. Tugnoli, MD; Salomone Di Saverio, MD, FACS; Bologna, Italy

Operative Fixation of Rib Fractures Utilizing CT Biopsy Grids for Preoperative Localization of Traumatic Rib Fractures

Cressilee Butler, MD; William Vanlandingham, MD; Brandon Hancock, MD; Amanda Celii, MD; Roxie M. Albrecht, MD, FACS; Jason S. Lees, MD, FACS; Oklahoma, OK

Damage-Control Balloon Tamponade to Temporize Subclavian Vessel Injury in Penetrating Chest Trauma

Michael J. Klein, MD; Elizabeth Warnack, MD; Cherisse D. Berry, MD; Marko Bukur, MD, FACS; Manish Tandon, MD, FACS; Spiros G. Frangos, MD, FACS; Hersch L. Pachter, MD; Valery Roudnitsky, MD; Brooklyn, NY

All in One Hybrid Emergency Room

Takashi Fujita, MD, FACS; Tokyo, Japan

VE308 | 2:30-4:00 pm

Subject-Oriented Symposium IV: Biliary Surgery

LOCATION: 160A

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Carlos U. Corvera, MD, FACS, San Francisco, CA and Horacio J. Asbun, MD, FACS, Jacksonville, FL

Partial Hepatectomy (Segment 4b) with En Bloc Resection of Choledochal Cyst and Gallbladder with Roux-en-Y Hepaticojejunostomy

Amareshwar Chiruvella, MD; David A. Kooby, MD, FACS; Atlanta, GA

Extended Resection to Segments I and IV in Carcinoma of the Biliary Confluence

Enrique Moreno Gonzalez, MD, FACS(Hon); Madrid, Spain

Open Resection of a Left Hepatic Duct and Intrahepatic Biliary Cystadenoma with Intraductal Extension into Common Hepatic Duct

Edwin Onkendi, MBChB; John A. Stauffer, MD, FACS; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

Laparoscopic Hepaticojejunostomy for Recurrent Pyogenic Cholangitis

Patricio Lynn, MD; Alexandra Leon-Guerrero, MD; Agustín Pratt-Rendon, MD; Melissa Beitner, MD; Manish S. Parikh, MD, FACS; *New York, NY*

Robotic Common Bile Duct Resection with Roux-en-Y Hepaticojejunostomy for Anomalous Pancreaticobiliary Junction

Arinbjorn Jonsson, MD; Benjamin Flink, MD; Scott Davis, MD, FACS; Edward Lin, DO, FACS; Marty T. Sellers, MD, FACS; *New York, NY*

Final Treatment of the Laparoscopic Lesion of the Biliary Confluence after Different Surgical Treatments

Enrique Moreno Gonzalez, MD, FACS(Hon); Alvaro García-Sesma, MD; Jorge Calvo, MD; Alejandro Manrique, MD; *Madrid, Spain*

Complications of Gallstone Disease

Alexa Glencer, MD; Carlos U. Corvera, MD, FACS; *San Francisco, CA*

VE309 | 2:30-4:00 pm

Pancreas Surgery II

LOCATION: 251

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

David A. Kooby, MD, FACS, *Atlanta, GA* and Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

PANELIST:

Nipun B. Merchant, MD, FACS, *Miami, FL*

Technical Details of a Modified End-to-Side Invagination Technique of Pancreatojejunostomy

Luca Morelli, MD, FACS; Niccolò Furbetta, MD; Gregorio Di Franco, MD; Simone Guadagni, MD; Matteo Palmeri, MD; Desirée Gianardi, MD; Matteo Bianchini, MD; Manuel Bordonaro, MD; Franco Mosca, MD, FACS; Giulio Di Candio, MD; *Pisa, Italy*

Challenging, Unexpected Intraoperative Findings during Pancreatic Surgery: Tips and Tricks for Unplanned Pancreaticoduodenectomy with Spleno-Mesenteric Confluence Resection

Damiano D. Caputo, MD, FACS; Alessandro Coppola, MD, PhD; Mariacristina M. Cartellone, MD; Vincenzo La Vaccara, MD; Chiara Cascone, MD; Roberto Coppola, MD, FACS; *Rome, Italy*

Robot-Assisted Trans-Gastric Drainage and Debridement of Walled-Off Pancreatic Necrosis Using the Robotic EndoWrist® Stapler for the da Vinci XI®

Luca Morelli, MD, FACS; Simone Guadagni, MD; Niccolò Furbetta, MD; Matteo Bianchini, MD; Matteo Palmeri, MD; Desirée Gianardi, MD; Gregorio Di Franco, MD; Martina Picchi, MD; Franco Mosca, MD, FACS; Giulio Di Candio, MD; *Pisa, Italy*

Sinus Tract Endoscopic Debridement of Pancreatic Necrosis

Zhi Ven Fong, MD, MPH; Peter J. Fagenholz, MD, FACS; *Boston, MA*

Enucleation of Large Intraductal Papillary Mucinous Neoplasm (IPMN) from the Head of the Pancreas

Samuel Garbus, MD; Zaheer S. Kanji, MD; Flavio G. Rocha, MD, FACS; *Seattle, WA*

Laparoscopic Central Pancreatectomy for Benign Pancreas Neck Tumor with Pancreatic-Gastric Anastomosis: 15 Years after Roux-en-Y Gastric Bypass for Morbid Obesity

Leonardo E. Da Silva, MD, FACS; Ronaldo E. Rego, MD, FACS; Ruy J. Cruz, Jr., MD, FACS; Tanous K. Ajouz, MD; *Goiania, Brazil*

Total Laparoscopic Pancreaticoduodenectomy with Venous Reconstruction for Pancreatic Head Cancer with Involvement of the Superior Mesenteric Vein-Portal Vein Confluence

Giovanni M. Garbarino, MD; David Fuks, MD, PhD; Jane R. Cowan, MD; Marc A. Ward, MD; Fabrizio Moisan, MD; Gianfranco Donatelli, MD; Marc Beaussier, MD; Brice Gayet, MD, PhD; *Paris, France*

VE311 | 4:15-5:45 pm

Hepatobiliary Surgery II

LOCATION: 251

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA* and Sharona B. Ross, MD, FACS, *Tampa, FL*

Full Laparoscopic Left Lateral Sectionectomy for Living Liver Donation with Transumbilical Approach

Giammauro Berardi, MD; Roberto I. Troisi, MSc, MD, PhD, FEBS; *Gent, Belgium*

Totally Laparoscopic Living Donor: Left Lateral Sectionectomy

Massimo Giacca, MD; Michele Tedeschi, MD, PHD; Daniel Cherqui, MD; *Villejuif, France*

Laparoscopic Left Hepatectomy for a Non-Todani Choledochal Cyst

Edmund W. Lee, MD; Cara A. Liebert, MD; Patrick J. Worth, MD; Brendan C. Visser, MD, FACS; *Stanford, CA*

Digital Choledochoscopy Techniques for Stone Extraction from the Biliary Tree in a Patient with Hepaticocholedocholithiasis

Steven C. Kim, MD; Stuart D. Hurst, MD; Marty T. Sellers, MD, MPH, FACS; Jahnavi K. Srinivasan, MD, FACS; *Atlanta, GA*

Extended Right Hepatectomy for Huge Hepatocellular Carcinoma (HCC) with Caval Vein Replacement

Paolo Magistri, MD; Tiziana Olivieri, MD; Giacomo G. Assirati, MD; Valentina Serra, MD; Giuseppe Tarantino, MD; Roberto Ballarin, MD, PhD; Fabrizio E. Di Benedetto, MD, PhD, FACS; *Modena, Italy*

Pure Laparoscopic Hepatectomy for Large Caudate Lobe Tumour with Compression of Hepatic Veins

Tan To Cheung, MB, BS, FACS; *Hong Kong, China*

Laparoscopic Anatomical Resection of Segment 7 Extended to the Right Hepatic Vein

Daniel Cherqui, MD; Andrea Laurenzi, MD; Massimo Giacca, MD; *Villejuif, France*

Thursday, October 25

VE401 | 8:00-9:30 am

Techniques in Robotic Surgery

LOCATION: 160A

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Rockson C. Liu, MD, FACS, *Oakland, CA*

Robotic Liver Resection of Segment VI and VII for Hepatocellular Carcinoma

Paolo Magistri, MD; Giacomo G. Assirati, MD; Cristiano Guidetti, MD; Valentina Serra, MD; Giuseppe Tarantino, MD; Roberto Ballarin, MD, PhD; Gian Piero Guerrini, MD, PhD; Fabrizio E. Di Benedetto, MD, PhD, FACS; *Modena, Italy*

Robot-Assisted Laparoscopic Left Lateral Non-Segmentectomy Combined with Planar Coagulation
Subhashini M. Ayloo, MD, MPH, FACS; Jacob Schwartzman, MD; *Newark, NJ*

Indocyanine Green Fluorescence: An Effective Tool for Parenchymal-Sparing Robotic Liver Surgery
Kevin P. Labadie, MD; Ryan V. Abbaszadeh, MD; James O. Park, MD, FACS; *Seattle, WA*

Robot-Assisted Umbilical Hernia Repair with a Magnetic Retractor

Gerardo Davalos, MD; Daniel Guerron, MD; Dana D. Portenier, MD, FACS; Sugong Chen, MD; *Durham, NC*

Robotic Distal Gastrectomy with Lymph Node Dissection for Gastric Cancer

Kei Hosoda, MD, PhD, FACS; Hiroaki Mieno, MD; Akira Ema, MD; Hiromitsu Moriya, MD; Marie Washio, MD; Masahiko Watanabe, MD, PhD, FACS, FASCRS; Keishi Yamashita, MD, PhD, FACS; *Sagamihara, Japan*

Robotic Whipple for Biliary Neuroendocrine Tumor

Yee L. Cheah, MD; Caroline J. Simon, MD; Roger L. Jenkins, MD, FACS; Mohamed E. Akoad, MB, BS, FACS; *Burlington, MA*

VE402 | 8:00-11:15 am

Colon and Rectal Surgery II

LOCATION: 156ABC

TRACK(S): CRS

COORDINATOR AND PRESIDING OFFICER(S):
Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Laparoscopic Right Colectomy with Complete Mesocolon Excision

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Laparoscopic Repair of Iatrogenic Colon Perforation after Colonoscopy

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Laparoscopic Rectosigmoid Resection and Hemicystectomy

Marco Maria M. Lirici, MD, PhD, FACS; Valentina Romeo, MD; Simone Maria M. Tierno, MD; *Rome, Italy*

Laparoscopic Repair of Parastomal Hernia with Biological Mesh: Sugarbaker Approach

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Laparoscopic Hartmann's Reversal with Retroileal Pull-Through for a Tension-Free Colorectal Anastomosis

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Transanal Minimally Invasive Surgery Resection of a Giant Rectal Polyp with Closure of the Peritoneal Cavity

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37. Association for Academic Surgery
38. Association for Surgical Education

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40. Association of VA Surgeons
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42. Canadian Association of General Surgeons
43. Central Association of Obstetricians and Gynecologists
44. Central Surgical Association
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46. Department of the Air Force
47. Department of the Army
48. Department of the Navy
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50. International Society for Minimally Invasive Cardiothoracic Surgery
51. Midwest Surgical Association
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58. Society for Surgery of the Alimentary Tract
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71. Southern Thoracic Surgical Association
72. Southwestern Surgical Congress
73. Surgical Infection Society
74. Triological Society
75. Vascular and Endovascular Surgery Society
76. Western Surgical Association
77. Western Thoracic Surgical Association

Committees

Program Committee of the American College of Surgeons

Responsible for planning and implementing the continuing education offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 21-member committee, more than 40 liaison members represent the various disciplines and groups in surgery.

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The mission of the American College of Surgeons (ACS) Foundation is to obtain financial support for the charitable and educational work of the ACS. The ACS Foundation is governed by a volunteer Board of Directors. The ACS Foundation has a single beneficiary: The ACS and, by extension, all those who benefit from its programs in optimal patient care, professional education, and advocacy.

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The mission of the Academy of Master Surgeon Educators™ is to play a leadership role in advancing the science and practice of education across all surgical specialties, promoting the highest achievements in the lifetimes of surgeons. The Academy's goals include:

- Defining megatrends in surgical education and training
- Steering advances in the field
- Fostering innovation and collaboration
- Providing mentorship
- Underscoring the critical importance of surgical education in the changing milieu of health care

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Accreditation Review Committee

The Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes consists of Fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three-year term. The committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of

the overall ACS Program for the Accreditation of Education Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application and gathered from the site surveyors. The Accreditation Review Committee will make the overall accreditation decision, determining whether an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.

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The American College of Surgeons Professional Association (ACSPA) is an affiliated not-for-profit corporation founded by the ACS Board of Regents in 2002 to promote and benefit the interests of surgeons and their patients. An initial and major component of ACSPA's efforts is the formation of a political action committee (PAC) that works to improve the legislative and regulatory climate in which surgeons practice.

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The mission of the Advisory Committee is to produce and administer the *Surgical Education and Self-Assessment Program (SESAP®)* and to aid surgeons in attaining and maintaining the high level of knowledge and understanding necessary to provide optimal patient care.

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Clinical Research Program Cancer Care Delivery Research Committee

The mission of the American College of Surgeons Clinical Research Program Cancer Care Delivery Research Committee is to improve cancer care outcomes through high-quality health services research that leverages the collaboration and infrastructure of the Alliance for Clinical Trials in Oncology, National Cancer Institute Community Oncology Research Program (NCORP), and other partners.

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Clinical Research Program Cancer Care Standards Development Committee

The mission of the American College of Surgeons Clinical Research Program Cancer Care Standards Development Committee is to develop and implement evidence-based practices in surgical oncology.

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The mission of the American College of Surgeons Clinical Research Program Dissemination and Implementation Committee is to disseminate information on clinical trial findings in a timely fashion and facilitate implementation of cancer care best practices in the surgical oncology community.

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The mission of the American College of Surgeons Clinical Research Program Education Committee is to increase knowledge and awareness of new oncologic surgical evidence and practice standards and reduce the time from trials reporting to practice implementation.

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Commission on Cancer

Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multidisciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities; and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership comprises 110 individuals who are either surgeons representing the College or member organization representatives from the 58 national, professional organizations affiliated with the commission. The activities of the Commission are coordinated through the Accreditation, Advocacy, Cancer Liaison, Education, Executive, Member Organization Steering, Nominating, and Quality Integration Committees.

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 Patricia L. Turner, MD, FACS, *Chicago, IL*
 David J. Winchester, MD, FACS, *Evanston, IL*

Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups.

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VICE-CHAIR: Kathleen A. LaVorgna, MD, FACS, *Norwalk, CT*

CONSULTANT: Karyn L. Butler, MD, FACS, *Glastonbury, CT*

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 Brian H. Williams, MD, FACS, *Dallas, TX*

STAFF: Connie Bura, *Chicago, IL*

Committee on Education

The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, fellows, and medical students, at the various stages in their professional development and from across the surgical disciplines.

CHAIR: Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

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Committee on Ethics

The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

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Miami, FL

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General Surgery Coding and Reimbursement Committee

The General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.

CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

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STAFF:

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Committee on Health Care Disparities

The Committee on Health Care Disparities takes the position that there is an irrefutable association between the incidence of and outcomes from a host of surgical diseases and the many barriers (real and artificial) to access to care.

CHAIR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSEd(Hon), FCS(SA)(Hon), FRCSEd(Hon), *Norfolk, VA*

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Health Information Technology Committee

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Health Policy Advisory Council

The Health Policy Advisory Council (HPAC) is the grassroots advocacy committee for the College and is based on the theory that "all politics is local." The goal of the College's nationwide grassroots advocacy program is to communicate, educate, and provide the necessary tools and resources to build a strong network of surgeon advocates. HPAC members are a diverse group, consisting of ACS Regents, Governors, young surgeons and residents, Health Policy Scholars, and other College members with expressed interest or expertise in health care policy. Special efforts are made to ensure that all specialties have representation within the HPAC.

CHAIR: Ross F. Goldberg, MD, FACS, *Phoenix, AZ*

STAFF: Katie Oehmen, *Washington, DC*

Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.

CHAIR: Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

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Patricia L. Turner, MD, FACS, *Chicago, IL*

International Relations Committee

The purpose of the International Relations Committee is to develop relationships and partnerships between the College, international surgeons, and international surgical and other health care organizations to address issues of surgical practice, education, research, advocacy, and leadership with the aim of achieving and safeguarding appropriately high standards of clinical care, access, safety, and quality improvement for surgery worldwide.

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 Daniela Molena, MD, FACS, *New York, NY*
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 Katsuhiko Yanaga, MD, PhD, FACS, *Tokyo, Japan*
 Gazi B. Zibari, MD, FACS, *Shreveport, LA*

STAFF:

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 Kate Early, *Chicago, IL*

Committee on Interprofessional Education and Practice

The Committee on Interprofessional Education and Practice comprehensively addresses the educational needs of interprofessional surgical team members and educates surgeons about their roles; supports and assists team members involved in surgical care; participates in defining the duties of interprofessional surgical team members; and assists with the process of accreditation of their respective educational programs.

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 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Katrina McKenzie, *Chicago, IL*

Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal and state legislation and policy issues that come before federal and state legislative bodies with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

CHAIR: James W. Gigantelli, MD, FACS, *Omaha, NE*

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 John S. O'Shea, MD, FACS, *Washington, DC*
 Margaret C. Tracci, MD, FACS, *Charlottesville, VA*
 Janet E. Tuttle-Newhall, MD, FACS, *Greenville, NC*

STAFF: Kristin McDonald, *Washington, DC*

Committee on Medical Student Education

The Committee on Medical Student Education's mission is to comprehensively address the educational needs in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.

CHAIR: Susan Steinemann, MD, FACS, *Honolulu, HI*

VICE-CHAIR: Stephen C. Yang, MD, FACS, *Baltimore, MD*

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 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Katrina McKenzie, *Chicago, IL*

Committee for Metabolic and Bariatric Surgery

The American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBS) combined their respective metabolic and bariatric surgery accreditation programs into a single unified program to achieve one national accreditation standard for metabolic and bariatric surgery centers, the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP). MBSAQIP works to advance safe, high-quality care for bariatric surgical patients through the accreditation of metabolic and bariatric surgical centers. A metabolic and bariatric surgical center achieves accreditation following a rigorous review process during which it proves that it can maintain certain physical resources, human resources, and standards of practice. All accredited centers report their outcomes to the MBSAQIP data registry. The Committee for Metabolic and Bariatric Surgery (CMBS) was established to provide support, guidance, and clinical expertise to the MBSAQIP.

CHAIR: John M. Morton, MD, MPH, FACS, *Menlo Park, CA*

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 Eric J. DeMaria, MD, FACS, *Richmond, VA*
 Wayne J. English, MD, FACS, *Nashville, TN*
 Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*
 Samer G. Mattar, MD, FACS, *Seattle, WA*
 Anthony T. Petrick, MD, FACS, *Danville, PA*
 David A. Provost, Jr., MD, FACS, *Temple, TX*

MBSAQIP Data & Quality Subcommittee

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MBSAQIP Standards and Verification Subcommittee

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Owen H. Wangenstein Scientific Forum Committee

The Scientific Forum Committee was instituted by the Board of Regents of the American College of Surgeons to provide a dedicated place within the Clinical Congress where investigators present the results of their original clinical and experimental research. The Scientific Forum provides a venue for surgeon-scientists to exchange novel findings and fosters dialogue through oral and poster presentations. The environment is strongly supportive of surgical trainees' involvement with dedicated awards for excellence in research for this group.

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Patient Education Committee

The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued postoperative care upon discharge.

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Committee on Perioperative Care

The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to education, technology, standards of care, clinical and facilities management, and assessment of outcomes.

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Resident and Associate Society (RAS-ACS)

The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of becoming a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.

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Committee on Resident Education

The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

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Scholarships Committee

The Scholarships Committee promotes and administers the ACS research scholarships, fellowships, and awards.

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Surgical Research Committee

The Surgical Research Committee is concerned with, and represents the College, in matters that address the progress of academic surgery and the funding, content, and direction of surgical research as it pertains to improving the care of patients.

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Committee on Trauma

The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including prehospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.

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Jean Clemency, *Chicago, IL*

Committee on Video-Based Education

The purpose of the Committee on Video-Based Education is to develop, across the surgical specialties, multimedia video-based education in order to educate surgeons and members of surgical teams to improve the care of the surgical patient, safeguard the standards of care in an optimal practice environment, as well as to educate the public regarding past, present, and future surgical topics.

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Women in Surgery Committee

The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals; promote an environment that fosters inclusion, respect, and success; develop, encourage, and advance women surgeons as leaders; and provide a forum and networking opportunities to enhance women's surgical career satisfaction.

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Young Fellows Association

The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Workgroups are available: Advocacy, Communications, Education, and Member Services); and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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Clinical Congress 2018

SESSIONS-AT-A-GLANCE BY DAY MYCME TRACKING CARD

Key for Designated Tracks

The scientific program, scheduled in discipline and theme-based tracks, focuses specifically on the needs of various surgical specialties and learner groups.

BTR	Basic / Translation Research
CRS	Colon and Rectal Surgery
CTS	Cardiothoracic Surgery
EDU	Education / Outcomes and Safety
ETH	Ethics
GEN	General Surgery
GER	Geriatric / Palliative Care
HP	Health Policy: Practice Management / Reimbursement / Liability Issues
HUM	Surgical Humanitarian Outreach
INFO	Informatics
INT	International
NEU	Neurosurgery
OBG	Obstetrics and Gynecology
ONC	Surgical Oncology
OPHTHO	Ophthalmic Surgery
ORT	Orthopaedic Surgery
OTO	Otolaryngology - Head and Neck Surgery
PED	Pediatric Surgery
PLA	Plastic and Maxillofacial Surgery
RES-MED	Residents / Medical Students
RUS	Rural Surgery
TRA	Trauma / Critical Care
URO	Urology
VAS	Vascular Surgery

Key for Session/Course Codes

DC	Didactic/Experiential Courses
ME	Meet-the-Expert Sessions
NL	Named Lectures
PS	Panel Sessions
SC	Surgical Skills Courses
SF	Scientific Forum Sessions
SI	Special Interest Sessions
SL	Special Sessions
TH	Town Hall Meetings
VE	Video-Based Education Sessions

Key for Credit to Address Regulatory Mandates

E	Ethics
OPM	Opioid/Pain Management
PA	Palliative Care
PtS	Patient Safety
RM	Risk Management

Key for Credit to Address ACS Accreditation/Verification Requirements

BST	Breast
C	Cancer
MBS	Bariatric Surgery
PEDS	Pediatric Surgery
T	Trauma

Claiming Continuing Medical Education (CME) Credit

On-site claiming of credit for nonticketed sessions will be available at the MyCME booth and kiosks located throughout the Boston Convention & Exhibition Center. Residents and Allied Health professionals are eligible for a Certificate of Completion.

Claims for CME Credit for this event will be accepted until December 1, 2018.

Self-Assessment Credit

Self-Assessment Credit will be available for most sessions and courses. The process of earning Self-Assessment Credit is voluntary and is not a prerequisite to claiming CME Credit. Participants are strongly encouraged to complete their self-assessment posttest(s) as soon after attendance as possible.

The final deadline to earn Self-Assessment Credit is December 1, 2018.

Guide to Educational Credit at Clinical Congress

Deadline for Claiming CME and Earning Self-Assessment Credit is December 1, 2018

Use this card to track your attendance throughout your time at Clinical Congress. This form is for your records and should not be returned to the American College of Surgeons (ACS). All claiming needs to be done electronically.

Session Type	Offers CME Credit	Offers Self-Assessment Credit **
Didactic/Experiential Courses (DC)	✓	✓*
Meet-the-Expert Sessions (ME)	✓	N/A
Named Lectures (NL)	✓	N/A
Panel Sessions (PS)	✓	✓*
Scientific Forum Sessions (SF)	✓	N/A
Special Interest Sessions (SI)	N/A	N/A
Special Sessions (SL)	✓	N/A
Surgical Skills Courses (SC)	✓	✓
Town Hall Meetings (TH)	N/A	N/A
Video-Based Education Sessions (VE)	✓	✓*

* Not every session will offer Self-Assessment Credit.

** For more information regarding your individual requirements, please contact the ABS at (215) 568-4000 or at www.absurgery.org.

Process	To Claim CME Credit	To Earn Self-Assessment Credit
To claim CME Credit or Earn Self-Assessment Credit (by 12/1)	✓	✓
<ul style="list-style-type: none"> Visit one of the three MyCME booths (on site only). Utilize the Clinical Congress App Go to www.cme.facs.org from your own device 		
Complete each session evaluation.	✓	✓
Complete posttest and achieve a minimum score of 75% correct.	N/A	✓*
Complete Global Evaluation online after attending your last activity at Clinical Congress (deadline is December 1, 2018).	✓	✓
Your certificate will be available online after completion of the online Global Evaluation**	✓	✓

* Some Postgraduate Courses require a pretest as well

** With the exception of some Surgical Skills Courses which may require up to two weeks for processing of Report Cards

Credit to Address Regulatory Mandates

Some state licensing boards and other regulatory organizations have established specific content requirements for CME Credit. For your convenience, this year's Clinical Congress has designated sessions with the following content areas:

- Ethics (E)
- Opioid/Pain Management (OPM)
- Palliative Care (PA)
- Patient Safety (PtS)
- Risk Management (RM)

In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Address Regulatory Mandates**. These specific content designations, where applicable, are indicated after each session title using the abbreviations listed above. When claiming CME Credit for these sessions, individuals can elect to include the **Credit to Address Regulatory Mandates**, and this will be documented as part of their CME Certificate and Clinical Congress Transcript. Individuals *must* check with their state or local medical board, hospital, or organization to verify that the content does meet the specific requirements.

Credit to Address ACS Accreditation/Verification Requirements

Institutions that are accredited or verified by the ACS require staff to earn credits in applicable content areas in order to meet compliance and site survey requirements:

- Bariatric Surgery (MBS)
- Breast (BST)
- Cancer (C)
- Pediatric Surgery (PEDS)
- Trauma (T)

In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Address ACS Accreditation/Verification Requirements**. These specific content designations, where applicable, are indicated after each session title using the abbreviations listed above. When claiming CME Credit for these sessions, individuals can elect to include the **Credit to Address ACS Accreditation/Verification Requirements** and this will be documented as part of their CME Certificate and Clinical Congress Transcript. Individuals *must* check with their hospital or specific ACS Accreditation office to verify that the content does meet the specific requirements and designated as **Credit to Meet ACS Accreditation Verification Requirements**. These specific content designations, where applicable, are indicated after each session title using the abbreviations listed above.

Program Schedule

SAT/SUN

Ⓢ Ticketed sessions

Ⓦ Webcast session

🔊 Audio session

Saturday, October 20, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
8:00-3:30	DC01	Annual Update on Emergency General Surgery Ⓢ	GEN, TRA	204AB	6.0				
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Pediatric, Gynecologic, and Laparoscopic Common Bile Duct Emergencies Ⓢ	GEN, OBG, PED, RUS	Lecture-209, Lab-210C	8.0				PEDS
8:00-12:15	SC02A	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture Only) Ⓢ	CTS, GEN, ONC	208	4.0			PtS	
8:00-5:30	SC02B	Minimally Invasive and Robot-Assisted Esophagectomy (Lecture and Lab) Ⓢ	CTS, GEN, ONC	Lecture-208, Lab-205BC	8.0			PtS	
8:30-4:00	DC02	Global Health Competencies for Surgeons: Cognitive and System Skills Ⓢ	HUM, INT	207	6.0				
9:00-4:30	DC03	Surgical Education: Principles and Practice Ⓢ	EDU	109AB	6.0				
9:00-4:30	DC04	Management of Anorectal Disease Ⓢ	CRS, GEN, RUS	205A	6.0				

Sunday, October 21, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
7:00-4:30	PS001	Annual Excelsior Surgical Society Meeting: Delivering Quality Surgical Care	EDU, GEN, TRA	153ABC	6.5		N/A		T
8:00-3:30	DC05	Annual Trauma Update: The Cutting Edge and the Future of Trauma Ⓢ	TRA	204AB	6.0				T
8:00-5:30	SC03	International Humanitarian Surgery Ⓢ	HUM, INT	Stratus Center for Medical Simulation	8.0				
8:00-12:15	SC04A	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture Only) Ⓢ	GEN	209	4.0				
8:00-5:30	SC04B	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture and Lab) Ⓢ	GEN	Lecture-209, Lab-210A	8.0				
8:15-5:30	SC05	Thyroid, Parathyroid, and Neck Ultrasound Ⓢ	GEN, ONC, OTO	210B	7.75				C
8:30-4:30	DC06	Basic Coding - Supercharge Your Reimbursement Skills: Coding, Billing, and Reimbursement for Surgical Services Ⓢ	HP	203	6.5				
9:00-4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care Ⓢ	EDU, INFO	207	6.0			PtS	
9:30-5:00	DC08	Atypical Breast Lesions: Defining and Managing this High-Risk Population Ⓢ	EDU, ONC	255	6.0				BST, C
10:00-2:15	DC09	Opioid-Sparing Perioperative Pain Management: A Certifying Course for the Practicing Surgeon Ⓢ	EDU, GEN	205A	4.0			OPM, PtS	
10:00-5:00	SI001	Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents - Day 1	RES-MED	160ABC	0.0		N/A		
11:30-6:00	SI002	Medical Student Program Day I	RES-MED	52AB	0.0		N/A		

Program Schedule

SUN/MON

Ⓢ Ticketed sessions

Ⓦ Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
1:00-3:00	PS002	Resident and Associate Symposium – Physician Extenders in Academic Surgery: Integrated Partner or Parallel Player?	GEN, RES-MED	160ABC	2.5		N/A		
3:00-5:00	SI004	Commission on Cancer Annual Meeting		WBW Grand Ballroom A-B	0.0		N/A		
6:00-8:00	SI005	Convocation		Exhibit Hall B2	0.0		N/A		

Monday, October 22, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
8:00-9:00	SI101	Opening Ceremony		Exhibit Hall B2	0.0		N/A		
9:00-9:30	NL01 🔊	Martin Memorial Lecture	GEN, URO	Exhibit Hall B2	0.5		N/A		
9:00-4:30	SI102	Surgical History Group Poster Session		Exhibit Hall A	0.0		N/A		
9:15-5:15	DC10	2018 Mastering General Surgery CPT Coding Ⓢ	HP	207	6.5				
9:45-10:45	NL02 🔊	John H. Gibbon, Jr., Lecture	CTS	104ABC	1.0		N/A		
9:45-11:15	PS101 Ⓦ 🔊	Diverticulitis 2018: Every Year the Recommendations Change	CRS, GEN, TRA	Exhibit Hall B2	1.5				
9:45-11:15	PS102 Ⓦ 🔊	The Dilemma of Incidentally Discovered Pancreatic Lesions	GEN, ONC	258ABC	1.5				
9:45-11:15	PS103 Ⓦ 🔊	Management of the Outpatient Burn Wound	GEN, PED, PLA, RUS, TRA	Ballroom West	1.5				T
9:45-11:15	PS104 Ⓦ 🔊	Perioperative Management of Anticoagulants	GEN, NEU, TRA, VAS	153ABC	1.5				T
9:45-11:15	PS105 Ⓦ 🔊	A Multidisciplinary Approach to Gender Confirmation Surgery	OTO, PED, PLA, URO	109AB	1.5				
9:45-11:15	PS106 Ⓦ 🔊	Implementing an ACS Strong for Surgery Program	GEN	151AB	1.5			PtS	
9:45-11:15	PS107 Ⓦ 🔊	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2018 Volunteerism and Humanitarian Award Recipients	HUM	257AB	1.5		N/A		
9:45-11:15	SF101	Breast I	GEN, ONC	102AB	1.5		N/A		BST
9:45-11:15	SF102	Clinical Trials/Late Breaking Abstracts	CRS, GEN, ONC, TRA	157A	1.5		N/A		
9:45-11:15	SF103	Surgical Oncology I	ONC	157BC	1.5		N/A		C
9:45-11:15	SF104	Surgical Education I	EDU	161	1.5		N/A		
9:45-11:15	SF105	e-Poster Rounds I	BTR, CTS, ETH, GEN, NEU, OBG, OPHTHO, ORT, OTO	253ABC	1.5		N/A		
9:45-11:15	SF106	Health Services Research I	HP	160BC	1.5		N/A		
9:45-11:15	SF127	Military	TRA	160A	1.5		N/A		
9:45-1:00	VE101	Bariatric Surgery	GEN	251	3.0				MBS
9:45-1:00	VE102	General Surgery 1–Gastrointestinal Disease	GEN	156ABC	3.0				
9:45-2:00	DC11	Cutting Edge Endocrine Surgery: A Case-Based Review of Recent Advances in Endocrine Surgery Ⓢ	GEN	205A	4.0				
10:00-1:15	SC06A	Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity (Lecture Only) Ⓢ	GEN	208	3.0				

Program Schedule

MON

🎫 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
10:00-2:00	SI103	Surgery Resident Program at Clinical Congress: Essential Skills for Surgery Residents - Day 2	RES-MED	162AB	0.0		N/A		
10:00-5:00	DC12-1	General Surgery Review Course-- Part 1 🎫	GEN	107ABC	5.5				
10:00-5:30	SC06B	Foregut Surgery: Achalasia, Gastroesophageal Reflux Disease, and Obesity (Lecture and Lab) 🎫	GEN	Lecture-208, Lab-210C	6.0				
11:30-1:00	PS108 📺🔊	Emergency Airway Management 2018: Are Emergency Tracheotomies Obsolete?	EDU, GEN, TRA	Ballroom East	1.5				T
11:30-1:00	PS109 📺🔊	Multidisciplinary Approach to Rectal Cancer	CRS, GEN, ONC	109AB	1.5				C
11:30-1:00	PS110 📺🔊	Parasitic Diseases of the Gastrointestinal (GI) Tract: Surgical Management	GEN, INT	151AB	1.5				
11:30-1:00	PS111 📺🔊	The Difficult Gallbladder: Staying Out of Trouble	GEN, RUS, TRA	Exhibit Hall B2	1.5				
11:30-1:00	PS112 📺🔊	Personalized Breast Cancer Treatment and Tumor Genomics	GEN, ONC	Ballroom West	1.5				BST, C
11:30-1:00	PS113 📺🔊	Iatrogenic Nerve Injuries: Techniques of Avoidance and Management	NEU, ORT, OTO, PLA, VAS	255	1.5			PtS, RM	
11:30-1:00	PS114 📺🔊	Global Engagement	HUM, INT	257AB	1.5				
11:30-1:00	SF107	Ethics	ETH	157A	1.5		N/A	E	
11:30-1:00	SF108	Hepatobiliary and Pancreas I	GEN	102AB	1.5		N/A		
11:30-1:00	SF109	Trauma I	TRA	157BC	1.5		N/A		T
11:30-1:00	SF110	Vascular Surgery I	VAS	104ABC	1.5		N/A		
11:30-1:00	SF111	Health Services Research II	HP	258ABC	1.5		N/A		
11:30-1:00	SF125	Cardiac Surgery I	CTS	153ABC	1.5		N/A		
11:30-1:00	VE103	Obstetrics and Gynecology	OBG	160A	1.5				
11:30-1:00	VE104	Subject-Oriented Symposium I: Hernias	GEN	254AB	1.5		N/A		
1:00-5:15	DC13	Negotiation Skills Training 🎫	EDU	204AB	4.0		N/A		
1:00-5:30	SC07	Advanced Colonoscopy: Polypectomy and Beyond 🎫	CRS, GEN	Lecture-209, Lab-210A	4.0				
1:00-6:00	SI104	Medical Student Program Day II	RES-MED	160BC	0.0		N/A		
1:15-2:15	ME101	Enteral Access for Nutrition 🎫	GEN, TRA	155	1.0		N/A		PEDS, T
1:15-2:15	ME102	Genitourinary Trauma 🎫	TRA, URO	261	1.0		N/A		T
1:15-2:15	ME103	Intraoperative Nerve Monitoring for Thyroid and Parathyroid Surgery: Should I be Doing It? 🎫	GEN, OTO	106	1.0		N/A		
1:15-2:15	ME104	Experts Debate Controversial Issues in Parathyroidectomy 🎫	GEN, OTO	105	1.0		N/A		
1:15-2:15	ME105	Breast Cancer Management 2018 🎫	GEN, ONC	103	1.0		N/A		BST, C
1:15-2:15	ME106	Communication Skills for Difficult Surgical Conversations 🎫	ETH, GER	101	1.0		N/A	E, PA	
1:15-2:15	ME107	Anti-Reflux Gadgets and Gimmicks 🎫	CTS, GEN	150	1.0		N/A		
1:15-2:15	ME108	Central Venous Access Devices: Achieving Zero Complications from Insertion to Home Care 🎫	EDU, GEN	152	1.0		N/A	PtS	
1:15-2:15	ME109	Crohn's Disease: Complex Issues 🎫	CRS, GEN	154	1.0		N/A		
1:15-2:15	ME110	Fixation of Fractured Ribs 🎫	CTS, ORT	108	1.0		N/A		T

Program Schedule

MON

📍 Ticketed sessions

📺 Webcast session

🎧 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
1:15-2:15	ME111	Exploring the Benefits of Global Surgery Engagement to the Home Institution 📍	HUM	158	1.0		N/A		
1:15-2:15	ME112	Caring for the Young Adult Cancer Patient 📍	ONC	159	1.0		N/A		C
1:15-2:15	ME113	Anorectal Diseases 📍	CRS	256	1.0		N/A		
1:15-2:15	ME114	Approaches to Acute Pancreatitis 📍	GEN	213	1.0		N/A		
1:15-2:15	ME115	Critical Issues in Laparoscopic Ventral Hernia Repair 📍	GEN	260	1.0		N/A		
1:15-2:15	SL101	How the Government Is Impacting the Practice of Surgery and Your Bottom Line	GEN, HP	Ballroom West	1.0		N/A		
1:15-5:30	SC08	Interventional Ultrasound: A Practical Guide for General and Pediatric Surgeons 📍	EDU, GEN, PED, RUS	210B	4.0				
2:30-3:30	NL03 🎧	Charles G. Drake History of Surgery Lecture	NEU	104ABC	1.0		N/A		
2:30-4:00	PS116 📺 🎧	Can't Ventilate? Can't Oxygenate? Now What?	TRA	Ballroom West	1.5				T
2:30-4:00	PS117 📺 🎧	Genomics for Surgeons: A Review with Applications to Breast, Lung, Gastrointestinal, and Pediatric Cancers	GEN, ONC, PED	153ABC	1.5				BST, C, PEDS
2:30-4:00	PS118 📺 🎧	Contemporary Management of the Diabetic Foot	GEN, ORT, RUS, VAS	259AB	1.5				
2:30-4:00	PS119 📺 🎧	Inguinal Hernia Repair: Open, Laparoscopic, or Robotic?	GEN, RUS	109AB	1.5				
2:30-4:00	PS120 📺 🎧	Stoma Creation in the Challenging Patient	CRS, GEN, URO	Exhibit Hall B2	1.5				
2:30-4:00	PS121 📺 🎧	The Incidental Renal Mass: Observation, Ablation, or Surgery	URO	151AB	1.5				C
2:30-4:00	PS122 📺 🎧	Leadership and Career Development for the Young Surgeon	EDU, GEN, RES-MED	255	1.5				
2:30-4:00	PS123 📺 🎧	Taking Enhanced Recovery to the Next Level: The Improving Surgical Care and Recovery Program	CRS, EDU	161	1.5			PtS	
2:30-4:00	PS124 📺 🎧	Firearm Injuries in the U.S.: A Public Health Approach Centered Upon Partnership and Engagement	GEN, HP, TRA	258ABC	1.5				T
2:30-4:00	SF112	Plastic and Maxillofacial Surgery I	PLA	157BC	1.5		N/A		
2:30-4:00	SF113	Transplantation and Tissue Engineering I	BTR, GEN	160A	1.5		N/A		
2:30-4:00	SF114	Colon and Rectal Surgery I	CRS	254AB	1.5		N/A		
2:30-4:00	SF115	e-Poster Rounds II	BTR, CRS, EDU, GEN, GER, HP, HUM, INFO, INT, ORT, PED, PLA, TRA, VAS	253ABC	1.5		N/A		
2:30-4:00	SF117	General Surgery I	GEN	203	1.5		N/A		
2:30-4:00	SF118	Pediatric Surgery I	PED	157A	1.5		N/A		PEDS
2:30-4:00	SF126	Cardiac Surgery II	CTS	102AB	1.5		N/A		
2:30-4:00	SI106	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
2:30-4:00	VE105	Video Potpourri: Breast, Plastic and Oncologic Surgery	ONC, PLA	251	1.5				
2:30-5:45	PS125	Latin America Day (Spanish)	GEN, INT	257AB	3.0		N/A		

Program Schedule

MON/TUE

🎫 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
2:30-5:45	VE106	Challenging and Unusual Problems in Surgery	GEN	156ABC	3.0				
3:00-5:00	SI107	Chapter Networking		WBW Grand Ballroom A	0.0		N/A		
4:00-5:45	SI108	Young Fellows Association (YFA) Program		108	0.0		N/A		
4:15-5:00	NL04 🔊	I. S. Ravdin Lecture in the Basic and Surgical Sciences	BTR, GEN	104ABC	0.75		N/A		
4:15-5:45	PS115 📺🔊	Head and Neck Melanoma	ONC, OTO, PLA	Exhibit Hall B2	1.5				C
4:15-5:45	PS126 📺🔊	Current Controversies in the Diagnosis and Management of Appendicitis	GEN, PED, RUS, TRA	Ballroom East	1.5				PEDS
4:15-5:45	PS127 📺🔊	Colorectal Cancer with Hepatic Metastases	CRS, GEN, INT, ONC	157A	1.5				C
4:15-5:45	PS128 📺🔊	Multi-Organ Pelvic Trauma: Current Management	GEN, ORT, RUS, TRA, VAS	109AB	1.5				T
4:15-5:45	PS129 📺🔊	Coaching: Lessons Learned through Harsh Experience	EDU, ETH, GEN	Ballroom West	1.5		N/A	E	
4:15-5:45	PS130 📺🔊	Social Media in Surgery: Best Practices	EDU, ETH, HP	259AB	1.5				
4:15-5:45	PS131 📺🔊	Pediatric Vascular Anomalies: What's New and Improved?	OTO, PED, PLA, VAS	151AB	1.5				PEDS
4:15-5:45	PS132 📺🔊	Contemporary Issues and Controversies in Men's Health	URO	255	1.5				
4:15-5:45	SF119	Health Services Research III	HP	157BC	1.5		N/A		
4:15-5:45	SF120	Urological Surgery I	URO	161	1.5		N/A		
4:15-5:45	SF121	Global Surgery and Humanitarian Outreach I	HUM, INT	203	1.5		N/A		
4:15-5:45	SF122	Vascular Surgery II	VAS	153ABC	1.5		N/A		
4:15-5:45	SF123	Critical Care Surgery	GEN, TRA	251	1.5		N/A		T
4:15-5:45	SF124	Endocrine Surgery I	GEN	258ABC	1.5		N/A		
4:15-5:45	SI109	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
4:15-5:45	VE107	Pancreas Surgery I	GEN	254AB	1.5				
4:15-5:45	VE108	Hepatobiliary Surgery I	GEN	160A	1.5				
6:00-9:00	SI110	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	CTS, RES-MED	BMCP Grand Ballroom Salon F	0.0		N/A		
6:30-8:30	VE109	Highlights from ACS Video Library I	CRS, GEN	WBW Commonwealth Ballroom A+B	2.0		N/A		

Tuesday, October 23, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
7:00-7:45	TH201	Acute Care Surgery: Changing the Landscape of Surgical Practice	GEN, RES-MED, TRA	151AB	0.0		N/A		
7:00-7:45	TH203	Rural Surgeons Do Great Work, but How Do We Prove It?	EDU, RUS	257AB	0.0		N/A		

Program Schedule

TUE

📅 Ticketed sessions

📺 Webcast session

🎧 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
7:00-7:45	TH204	Informed Consent and Disclosure	ETH, GEN	157A	0.0		N/A		
7:00-7:45	TH205	Crossing Over to the Dark Side: Investigating Surgeon Roles in Hospital and Corporate Leadership	GEN	157BC	0.0		N/A		
7:00-7:45	TH206	The Art of Negotiation: Strategy for Success	GEN	109AB	0.0		N/A		
7:00-7:45	TH207	Addressing Intimate Partner Violence for the Surgical Community	GEN	161	0.0		N/A		
7:00-8:00	SI201	ACS Surgical History Group Breakfast		52AB	0.0		N/A		
8:00-9:00	NL05 🎧	Herand Abcarian Lecture: Privilege and Responsibility: A 20-Year Journey	CRS	104ABC	1.0		N/A		
8:00-9:30	SI202	2018 Owen H. Wangensteen Scientific Forum Dedication, Resident & Research Scholarship, and Awards	RES-MED	253ABC	0.0		N/A		
8:00-9:30	PS201 📺 🎧	The Pregnant Patient and Abdominal Emergencies	GEN, OBG, RUS, TRA	Exhibit Hall B2	1.5				
8:00-9:30	PS202 📺 🎧	Best Practices in Umbilical Hernia Repair	GEN, HUM, PED	Ballroom East	1.5				
8:00-9:30	PS203 📺 🎧	Common Anorectal Disease	CRS, GEN, RUS	160A	1.5				
8:00-9:30	PS204 📺 🎧	Challenges and Solutions for Surgery in Resource-Limited Settings: Perspectives from Local Champions	HUM, RUS	156ABC	1.5				
8:00-9:30	PS205 📺 🎧	Supporting Successful Transition to Independent Practice: Mastery in General Surgery Program	GEN, RES-MED	160BC	1.5				
8:00-9:30	PS206 📺 🎧	Imaging the Injured Child: Who, When, and How?	GEN, PED, TRA	157BC	1.5				PEDS, T
8:00-9:30	PS207 📺 🎧	Why Continuous Certification?	GEN	157A	1.5				
8:00-9:30	PS208 📺 🎧	How Do I Get My Hospital Verified as a Children's Surgical Center?	PED	Ballroom West	1.5				PEDS
8:00-9:30	PS220 📺 🎧	A Night on Call in the Surgical Intensive Care Unit: Case Panel	TRA	153ABC	1.5				T
8:00-9:30	SF201	Hepatobiliary and Pancreas II	GEN	151AB	1.5		N/A		
8:00-9:30	SF202	Neurosurgery	NEU	102AB	1.5		N/A		
8:00-9:30	SF203	Trauma II	TRA	205A	1.5		N/A		T
8:00-9:30	SF204	Surgical Oncology II	ONC	251	1.5		N/A		C
8:00-9:30	SF206	Thoracic Surgery I	CTS	161	1.5		N/A		
8:00-9:30	SF235	Surgical Education II	EDU	259AB	1.5		N/A		
8:00-9:30	SI203	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
8:00-11:15	PS209	Spectacular Cases	GEN, RES-MED	258ABC	3.0				
8:00-4:00	DC12-2	General Surgery Review Course – Part II 📅	GEN	107ABC	6.5				
8:30-4:00	SC09	Ultrasound for the General Surgeon: How to Help Your Patient in the Acute Setting with the Technology Available In Your Pocket 📅	GEN	210B	6.0				
9:00-1:15	DC14	Rescuing Critical Cases in the Operating Room 📅	EDU	204AB	4.0			PtS	
9:00-4:30	SI204	Surgical History Group Poster Session		Exhibit Hall A	0.0		N/A		

Program Schedule

TUE

📍 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
9:00-5:30	SC10	Oncoplastic Breast Surgery in My Practice 📍	GEN, ONC	BMCP, Salon CD	7.0				BST, C
9:45-10:45	NL06 🔊	Excelsior Surgical Society/Edward D. Churchill Lecture	GEN, TRA	104ABC	1.0		N/A		T
9:45-11:15	PS210 📺🔊	Cutting-Edge Critical Care Review	GEN, NEU, TRA	Ballroom East	1.5				
9:45-11:15	PS211 📺🔊	Contemporary Management of Complex Abdominal Wall Hernias	GEN, PLA, TRA	259AB	1.5				
9:45-11:15	PS212 📺🔊	Gallbladder Cancer: State of the Art	GEN, INT, ONC	Exhibit Hall B2	1.5				C
9:45-11:15	PS213 📺🔊	Management of Benign Colon Polyps	CRS, GEN, RUS,	Ballroom West	1.5				
9:45-11:15	PS214 📺🔊	Major Liver Resection: State of the Art	GEN, INT, ONC	257AB	1.5				
9:45-11:15	PS215 📺🔊	Contemporary Evaluation and Management of the Adult Neck Mass	GEN, ONC, OTO	205A	1.5				C
9:45-11:15	PS216 📺🔊	Lions, Tigers, and Bile, Oh My: What the General Surgeon Needs to Know About Pediatric Intestinal Emergencies	GEN, PED, RUS	251	1.5				PEDS
9:45-11:15	SF207	Orthopaedic Surgery	ORT	157BC	1.5		N/A		
9:45-11:15	SF208	Trauma III	TRA	153ABC	1.5		N/A		T
9:45-11:15	SF209	Bariatric/Foregut I	BTR, GEN	151AB	1.5		N/A		MBS
9:45-11:15	SF210	Surgical Education III	EDU	109AB	1.5		N/A		
9:45-11:15	SF211	General Surgery II	GEN	102AB	1.5		N/A		
9:45-11:15	SF212	Global Surgery and Humanitarian Outreach II	HUM, INT	160BC	1.5		N/A		
9:45-11:15	SF213	e-Poster Rounds III	BTR, CTS, EDU, GEN, GER, HP, ONC, PED, TRA	253ABC	1.5		N/A		
9:45-11:15	SF214	Thoracic Surgery II	CTS	161	1.5		N/A		
9:45-11:15	SI205	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
9:45-11:15	VE201	Subject-Oriented Symposium II: Complications during Surgery	GEN	254AB	1.5		N/A		
9:45-11:15	VE202	Neurological Surgery	NEU	156ABC	1.5				
11:30-12:30	ME201	Medullary Thyroid Cancer: What You Need to Know 📍	GEN, OTO	108	1.0		N/A		C
11:30-12:30	ME202	Gastrointestinal Stromal Tumors (GIST) 📍	GEN, ONC	261	1.0		N/A		C
11:30-12:30	ME203	Approaches to Nipple-Sparing Mastectomy 📍	GEN, ONC	106	1.0		N/A		BST, C
11:30-12:30	ME204	Painful Choices: Temporarily Scaling Back or Leaving Clinical Practice 📍	EDU, HP	105	1.0		N/A		
11:30-12:30	ME205	Intracorporeal vs. Extracorporeal Anastomoses in Laparoscopic Bowel Surgery 📍	CRS, GEN	103	1.0		N/A		
11:30-12:30	ME206	Going into Surgical Practice: The Things You Weren't Taught 📍	EDU	101	1.0		N/A		
11:30-12:30	ME207	How to Introduce Flexible Endoscopy in My Practice 📍	GEN	150	1.0		N/A		

Program Schedule

TUE

📍 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
11:30-12:30	ME208	Minimally Invasive Acute Care Surgery: What, When, and by Whom? 📍	GEN	152	1.0		N/A		T
11:30-12:30	ME209	Pediatric Urology 📍	URO	154	1.0		N/A		PEDS
11:30-12:30	ME210	Female Urology 📍	URO	155	1.0		N/A		
11:30-12:30	ME211	Assessing Chronic Pain following Inguinal Hernia Repair 📍	GEN	260	1.0		N/A	OPM	
11:30-12:30	ME212	Sports Hernia: How to Diagnose and Understand Management Options 📍	GEN	159	1.0		N/A		
11:30-12:30	ME213	Liver Resections: Tough Cases 📍	EDU, GEN	256	1.0		N/A		
11:30-12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know? 📍	GEN	158	1.0		N/A		C
11:30-12:30	ME215	Personalized Medicine for Breast Cancer 📍	ONC	213	1.0		N/A		BST, C
11:30-12:30	SI206	Owen H. Wangenstein Scientific Forum e-Posters of Exceptional Merit	GEN, RES-MED	253ABC	0.0		N/A		
11:30-12:30	VE203	Icons in Surgery I	GEN	156ABC	1.0		N/A		
12:00-1:00	SI208	Associate Fellow Special Interest Session: Why Should I Become FACS, and How Do I Do It?		203	0.0		N/A		
12:00-4:00	SI209	RAS-ACS Annual Business Meeting	RES-MED	WBW Grand Ballroom E	0.0		N/A		
12:45-1:30	NL07 🔊	Scudder Oration on Trauma	TRA	Exhibit Hall B2	0.75		N/A		T
12:45-2:15	PS218 📺 🔊	World War I: The Dawn of Evidence-Based Casualty Care	EDU, TRA	258ABC	1.5				T
12:45-2:15	PS219 📺 🔊	Operating on Patients with End-Stage Liver Disease	GEN, TRA	153ABC	1.5				
12:45-2:15	PS221 📺 🔊	The Enteroatmospheric Fistula Patient: Shepherding a Person from Oh My Goodness Back to a Normal Life	GEN, TRA	Ballroom West	1.5				
12:45-2:15	PS222 📺 🔊	Reducing Surgical Wound Infections in Colon and Rectal Surgery	CRS, GEN	254AB	1.5			PtS	
12:45-2:15	PS223 📺 🔊	Lumps, Bumps and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	GEN, ONC, ORT, PED, RUS	257AB	1.5				C
12:45-2:15	PS224 📺 🔊	Getting Involved in Global Surgery at Any Level: How? Where? What?	GEN, HUM, INT	160A	1.5		N/A		
12:45-2:15	PS225 📺 🔊	Contemporary Management of Inferior Vena Cava (IVC) Filters	GEN, RUS, TRA, VAS	161	1.5				
12:45-2:15	SF215	General Surgery III	GEN	157BC	1.5		N/A		
12:45-2:15	SF216	Bariatric/Foregut II	BTR, GEN	151AB	1.5		N/A		MBS
12:45-2:15	SF217	Health Services Research IV	HP	205A	1.5		N/A		
12:45-2:15	SF218	Pediatric Surgery II	PED	259AB	1.5		N/A		PEDS
12:45-2:15	SF219	Breast II	GEN, ONC	255	1.5		N/A		BST
12:45-2:15	SF220	Surgical Education IV	EDU	157A	1.5		N/A		
12:45-4:00	VE204	Cardiothoracic Surgery	CTS	251	3.0				
12:45-4:00	VE205	General Surgery II – Hernia	GEN	156ABC	3.0				

Program Schedule

TUE

🎫 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
12:45-5:00	PS226	Association of Program Directors in Surgery (APDS) Panels	EDU, RES-MED	160BC	3.0		N/A		
1:00-5:30	SC11	Basic Endovascular Skills for Trauma (BEST™) 🎫	TRA, VAS	Tufts Medical Center-SIRL	4.0				T
1:00-6:00	SI210	Medical Student Program Day III	RES-MED	104ABC	0.0		N/A		
2:30-3:30	NL08 🔊	Olga M. Jonasson Lecture	GEN	151AB	1.0		N/A		
2:30-4:00	PS227 📺🔊	Clostridium Difficile Colitis: What Is New?	CRS, GEN, RUS	Exhibit Hall B2	1.5				T
2:30-4:00	PS228 📺🔊	Occult Gastrointestinal Bleeding: Dealing with a Difficult Situation	GEN, RUS, TRA	Ballroom West	1.5				
2:30-4:00	PS229 📺🔊	Why Do Anti-Reflux Operations Fail in 2018?	CTS, GEN	Ballroom East	1.5				
2:30-4:00	PS230 📺🔊	Is an Axillary Dissection an Obsolete Operation?	GEN, ONC	255	1.5				BST, C
2:30-4:00	PS231 📺🔊	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	CRS, GEN, OTO, RUS	161	1.5				PEDS
2:30-4:00	PS232 📺🔊	Checking in on the Checklist - Ten Years of the WHO Surgical Safety Checklist	HUM, INT	257AB	1.5			PtS	
2:30-4:00	SF221	Vascular Surgery III	VAS	205A	1.5		N/A		
2:30-4:00	SF222	Colon and Rectal Surgery II	CRS	157BC	1.5		N/A		
2:30-4:00	SF223	Plastic and Maxillofacial Surgery II	PLA	153ABC	1.5		N/A		
2:30-4:00	SF224	Hepatobiliary and Pancreas III	GEN	102AB	1.5		N/A		
2:30-4:00	SF225	Geriatric and Palliative Care	GER	157A	1.5		N/A	PA	
2:30-4:00	SF226	e-Poster Rounds IV	BTR, CTS, EDU, GEN, HP, HUM, INT, TRA	253ABC	1.5		N/A		
2:30-4:00	SF227	Trauma IV	TRA	109AB	1.5		N/A		T
2:30-4:00	SI211	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
2:30-4:00	VE206	Otolaryngology-Head and Neck Surgery	OTO	160A	1.5				
2:30-4:00	VE207	Subject-Oriented Symposium III: Pearls and Pitfalls in General Surgery	GEN	254AB	1.5		N/A		
2:30-5:45	PS233 📺🔊	Ethics Colloquium: Money and Modern Surgical Practice: Navigating the Difficult Ethical Terrain	ETH, HP	259AB	3.0			E	
4:00-5:00	SI212	Young Fellows Association Speed Mentoring Program	RES-MED	WBW Harbor Ballroom III	0.0		N/A		
4:15-5:45	PS234 📺🔊	Vascular Complications of General Surgery Procedures	GEN, ORT, PED, RUS, VAS	Ballroom West	1.5				
4:15-5:45	PS235 📺🔊	A Night on Emergency General Surgery Call	GEN, RUS, TRA	Exhibit Hall B2	1.5				T
4:15-5:45	PS236 📺🔊	Difficult Trauma Exposures: How I Do It	GEN, INT, RUS, TRA, VAS	Ballroom East	1.5				T
4:15-5:45	PS237 📺🔊	Friend or Foe? Understanding the Microbiome in the Surgical Patient	CRS, GEN, TRA	257AB	1.5				
4:15-5:45	SF228	General Surgery IV	GEN	157A	1.5		N/A		
4:15-5:45	SF229	Health Services Research V	HP	161	1.5		N/A		

Program Schedule

TUE/WED

🎫 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
4:15-5:45	SF230	Colon and Rectal Surgery III	CRS	157BC	1.5		N/A		
4:15-5:45	SF231	Transplantation and Tissue Engineering II	BTR, GEN	102AB	1.5		N/A		
4:15-5:45	SF232	Surgical Oncology III	ONC	109AB	1.5		N/A		C
4:15-5:45	SF234	Pediatric Surgery III	PED	151AB	1.5		N/A		PEDS
4:15-5:45	SI213	Rural Surgeons Open Forum and Oweida Scholarship Presentation	RUS	255	0.0		N/A		
4:15-5:45	SI214	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
4:15-5:45	VE208	Endocrine Surgery	GEN	160A	1.5				
4:15-5:45	VE209	International Video Session	GEN, INT	156ABC	1.5				
6:00-8:00	SI215	Symposium for Surgical Palliative Care	GER	WBW Harbor Ballroom III	0.0		N/A		
6:30-8:30	VE210	Highlights from ACS Video Library II	CRS, GEN, TRA	WBW Commonwealth Ballroom A+B	2.0		N/A		

Wednesday, October 24, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
6:45-7:50	SI305	Pathways in Surgical Education for Residents and Medical Students	RES-MED	159	0.0		N/A		
7:00-7:45	TH301	Doctors in Distress: Understanding and Addressing the Crisis of Burnout in Surgery	EDU, URO	161	0.0		N/A		
7:00-7:45	TH302	Keeping Your Practice Whole with a Locum Tenens Surgeon: Key Factors and Considerations	GEN, RUS	255	0.0		N/A		
7:00-7:45	TH303	How to Combine Global Surgery and a Busy Clinical Practice as a Young Surgeon	GEN, INT	257AB	0.0		N/A		
7:00-7:45	TH305	Managing Your Online Presence: Your Professional Website and the Influence on Patient Reviews	GEN	157BC	0.0		N/A		
7:00-7:45	TH306	So You Want to Do Surgical Palliative Care? Training Pathways and Practice Models	GER	109AB	0.0		N/A		
7:00-7:45	TH307	Understanding the Difference Between Leadership and Power	GEN, HP	151AB	0.0		N/A		
8:00-9:00	NL09 🔊	Distinguished Lecture of the International Society of Surgery	HUM, INFO, INT	104ABC	1.0		N/A		
8:00-9:30	PS301 📺 🔊	New Key to Cancer Cure: Checkpoint Inhibitor Therapy	ONC	Ballroom West	1.5				C
8:00-9:30	PS302 📺 🔊	Closing the Damage Control Abdomen	GEN, PLA, TRA, VAS	Exhibit Hall B2	1.5				T
8:00-9:30	PS303 📺 🔊	Managing Bile Duct Injuries: State of the Art 2018	GEN	257AB	1.5			PtS	
8:00-9:30	PS304 📺 🔊	Strategies to Maintain Preparedness Among Military Surgeons	GEN, TRA	Ballroom East	1.5				
8:00-9:30	PS305 📺 🔊	Bedside Image-Guided Interventions for Surgeons	GEN, RUS, TRA	259AB	1.5				T

Program Schedule

WED

📅 Ticketed sessions

📺 Webcast session

🎧 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
8:00-9:30	PS306 📺🎧	Effective Handoffs of Care in the Perioperative Period	EDU, GEN	151AB	1.5			PtS	
8:00-9:30	PS307 📺🎧	Improving Parity in Surgery	EDU, GEN	160BC	1.5		N/A		
8:00-9:30	SF301	Colon and Rectal Surgery IV	CRS	157A	1.5		N/A		
8:00-9:30	SF302	General Surgery V	GEN	102AB	1.5		N/A		
8:00-9:30	SF305	Plastic and Maxillofacial Surgery III	PLA	107ABC	1.5		N/A		
8:00-9:30	SF306	Trauma V	TRA	157BC	1.5		N/A		T
8:00-9:30	SF308	Surgical Education V	EDU	161	1.5		N/A		
8:00-9:30	SI301	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
8:00-11:15	PS308	Surgical Jeopardy	GEN, RES-MED	258ABC	3.0		N/A		
8:00-11:15	VE301	Pediatric Surgery	PED	160A	3.0				PEDS
8:00-11:15	VE302	General Surgery III - Foregut	GEN	156ABC	3.0				
8:00-11:45	SC12A	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture Only) 📅	EDU, GEN, RUS	209	3.5				
8:00-5:00	SC12B	Contemporary Strategies for Minimally Invasive Inguinal and Ventral Hernia Repair (Lecture and Lab) 📅	EDU, GEN, RUS	Lecture-209, Lab-210A	7.5				
8:30-4:00	DC15	Annual Update in Surgical Critical Care 📅	TRA	204AB	6.0				T
8:30-4:45	SC14	Advanced Surgical Skills for Exposure in Trauma (ASSET™) 📅	GEN, TRA	Tufts Medical Center-SIRL	7.0				T
9:00-4:30	SI302	Surgical History Group Poster Session		Exhibit Hall A	0.0		N/A		
9:45-10:45	NL10 🎧	John J. Conley Ethics and Philosophy Lecture: Value-Based Health Care Delivery: The Strategic Agenda	ETH	104ABC	1.0		N/A	E	
9:45-11:15	PS309 📺🎧	Thyroid Cancer: Who Really Needs Surgery?	GEN, OTO	Exhibit Hall B2	1.5				C
9:45-11:15	PS310 📺🎧	Workup and Management of an Adrenal Incidentaloma	GEN, URO	Ballroom East	1.5				C
9:45-11:15	PS311 📺🎧	Peptic Ulcer 2018: They Still Obstruct, Perforate, and Bleed	GEN, RUS, TRA	Ballroom West	1.5				
9:45-11:15	PS312 📺🎧	Neuroendocrine Tumors: What Are They and How Should They be Managed?	GEN, NEU, ONC, PED	157BC	1.5				C
9:45-11:15	PS313 📺🎧	Beyond the Massive Transfusion Protocol	GEN, PED, TRA	259AB	1.5				T
9:45-11:15	PS314 📺🎧	Colorectal Surgical Emergencies: What to Do in the Middle of the Night	CRS, GEN, RUS, TRA	257AB	1.5				
9:45-11:15	PS315 📺🎧	The Fourth Year of Medical School: Redesign or Replace?	RES-MED	160BC	1.5				
9:45-11:15	PS316 📺🎧	Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives	OPHTHO, TRA	157A	1.5				T
9:45-11:15	PS317	ACS Traveling Fellowships	EDU	161	1.5		N/A		
9:45-11:15	SF309	Surgical Oncology IV	ONC	102AB	1.5		N/A		C
9:45-11:15	SF310	Breast III	GEN	107ABC	1.5		N/A		BST

Program Schedule

WED

Ⓢ Ticketed sessions

Ⓦ Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
9:45-11:15	SF312	e-Poster Rounds V	CRS, EDU, TRA	253ABC	1.5		N/A		
9:45-11:15	SF313	General Surgery VI	GEN	151AB	1.5		N/A		
9:45-11:15	SF314	Hepatobiliary and Pancreas IV	GEN	109AB	1.5		N/A		
9:45-11:15	SF315	Health Services Research VI	HP	153ABC	1.5		N/A		
9:45-11:15	SI303	Stop the Bleed®: Bleeding Control Basic and Instructor Course	TRA	206AB	0.0		N/A		
9:45-11:15	VE303	Urological Surgery	URO	251	1.5				
9:45-11:15	VE304	Vascular Surgery	VAS	254AB	1.5				
11:30-12:30	ME301	Management of the Axilla in T1 or T2 Breast Cancer Ⓢ	ONC	108	1.0		N/A		BST, C
11:30-12:30	ME302	Necrotizing Soft-Tissue Infections Ⓢ	GEN, TRA	261	1.0		N/A		T
11:30-12:30	ME303	Newer Targeted Therapies for Thyroid Cancer Ⓢ	ONC, OTO	155	1.0		N/A		C
11:30-12:30	ME304	Pregnancy during a Surgical Career: Strategies for Making It Work in Residency, Academics, and Private Practice Ⓢ	EDU, GEN	103	1.0		N/A		
11:30-12:30	ME305	What Just Happened? Dealing with Devastating Complications Ⓢ	GEN	105	1.0		N/A	PtS	
11:30-12:30	ME306	Radical Prostatectomy vs. Watchful Waiting for Prostate Cancer Ⓢ	URO	101	1.0		N/A		C
11:30-12:30	ME307	Anal Neoplasia Ⓢ	CRS	150	1.0		N/A		C
11:30-12:30	ME308	Total Mesorectal Excision: When and How Ⓢ	CRS	152	1.0		N/A		C
11:30-12:30	ME309	Avoiding Thyroid Surgery Complications Ⓢ	GEN, OTO	154	1.0		N/A	PtS	
11:30-12:30	ME310	Evidence-Based Treatment of Incisional Hernia Ⓢ	GEN	106	1.0		N/A		
11:30-12:30	ME311	Peritoneal Dialysis Catheters: Tips and Tricks Ⓢ	GEN	158	1.0		N/A		
11:30-12:30	ME312	The Difficult Gallbladder: Tricks of the Trade Ⓢ	GEN	159	1.0		N/A		
11:30-12:30	ME313	Complex Abdominal Trauma Ⓢ	TRA	256	1.0		N/A		T
11:30-12:30	VE305	Icons in Surgery II	GEN	156ABC	1.0		N/A		
12:45-1:45	NL11 🔊	Commission on Cancer Oncology Lecture	ONC	104ABC	1.0		N/A		C
12:45-2:15	PS318 Ⓦ 🔊	Extracorporeal Membrane Oxygenation (ECMO) in the Care of the Critically Ill Surgical Patient	CTS, PED, TRA	Ballroom West	1.5				PEDS, T
12:45-2:15	PS319 Ⓦ 🔊	Surgical Emergencies in the Cancer Patient	ETH, GEN, ONC, TRA	257AB	1.5			E, PA	C
12:45-2:15	PS320 Ⓦ 🔊	Oncoplastic Breast Surgery for the General and Breast Surgeon	GEN, PLA, RUS	258ABC	1.5				BST, C
12:45-2:15	PS321 Ⓦ 🔊	Global Surgery: Pearls for Operating in Resource-Constrained Settings	GEN, HUM, PED, RUS	Ballroom East	1.5				
12:45-2:15	PS322 Ⓦ 🔊	New Modalities for Scar Modulation	GEN, OTO, PED, PLA, RUS	259AB	1.5				

Program Schedule

WED

🎫 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
12:45-2:15	PS323 🎫🔊	Getting to "No" in Surgical Consultation: When and How to Deny a Request for Operation	GER, ONC	157BC	1.5			E, PA	
12:45-2:15	PS324 🎫🔊	Implementation Science: The Avenue Forward in Health Services Research	EDU, HP	153ABC	1.5				
12:45-2:15	PS329 🎫🔊	Fostering Autonomy in Surgical Trainees	EDU, RES-MED	157A	1.5				
12:45-2:15	SF316	Endocrine Surgery II	GEN	107ABC	1.5		N/A		
12:45-2:15	SF317	Surgical Education VI	EDU	109AB	1.5		N/A		
12:45-2:15	SF318	Urological Surgery II	URO	160BC	1.5		N/A		
12:45-2:15	SF319	Bariatric/Foregut III	BTR, GEN	161	1.5		N/A		MBS
12:45-2:15	SF321	Vascular Surgery IV	VAS	255	1.5		N/A		
12:45-4:00	PS325	The College's International Scholars and Travelers 2018	GEN, INT	151AB	3.0		N/A		
12:45-4:00	VE306	Colon and Rectal Surgery I	CRS	156ABC	3.0				
12:45-4:00	VE307	Surgical Cases in Trauma	TRA	254AB	3.0				T
2:30-4:00	PS326 🎫🔊	Metabolic Surgery: Physiological Mechanisms and Clinical Outcomes	BTR, GEN	Ballroom West	1.5				MBS
2:30-4:00	PS327 🎫🔊	Sepsis Update 2018	GEN, TRA	Ballroom East	1.5				T
2:30-4:00	PS328 🎫🔊	Chronic Pancreatitis: What Is the Role of Surgery	GEN	258ABC	1.5				
2:30-4:00	PS330 🎫🔊	Creating Synergy: Early Integration of Palliative Care with Complex Surgical Care	GER, NEU, TRA	257AB	1.5			PA	
2:30-4:00	PS331 🎫🔊	Demystifying Relative Value Units (RVUs): How a Surgeon is Valued in 2018	HP	259AB	1.5				
2:30-4:00	SF322	e-Poster Rounds VI	ETH, GEN, ONC, PLA, URO	253ABC	1.5		N/A		
2:30-4:00	SF323	Health Services Research VII	HP	157A	1.5		N/A		
2:30-4:00	SF324	Global Surgery and Humanitarian Outreach III	HUM, INT	160BC	1.5		N/A		
2:30-4:00	SF325	General Surgery VII	GEN	109AB	1.5		N/A		
2:30-4:00	SF326	Colon and Rectal Surgery V	CRS	102AB	1.5		N/A		
2:30-4:00	SF327	Surgical Oncology V	ONC	107ABC	1.5		N/A		C
2:30-4:00	VE308	Subject-Oriented Symposium IV: Biliary Surgery	GEN	160A	1.5		N/A		
2:30-4:00	VE309	Pancreas Surgery II	GEN	251	1.5				
4:15-5:15	SI304	Annual Business Meeting of Members		104ABC	0.0		N/A		
4:15-5:45	PS332 🎫🔊	Recognizing and Responding to Distress in Your Colleagues and Yourself	GER	Ballroom West	1.5				
4:15-5:45	PS333 🎫🔊	Retrieval of Introduced Foreign Objects: Top to Bottom	CRS, OTO, PED, RUS, URO	Ballroom East	1.5				PEDS
4:15-5:45	PS334 🎫🔊	Thyroid Nodules and Cancer: How Does Molecular Profiling Influence Surgery?	GEN, OTO	259AB	1.5				C
4:15-5:45	PS335 🎫🔊	Surgery Resident Well-Being: Achieving Quadruple Aim	EDU, ETH, RES-MED	257AB	1.5				

Program Schedule

THU

📅 Ticketed sessions

📺 Webcast session

🔊 Audio session

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
4:15-5:45	PS336 📺🔊	What's New in Retroperitoneal Sarcoma Care?	GEN, ONC, VAS	258ABC	1.5				C
4:15-5:45	PS337 📺🔊	I'm a Long Way from the Trauma Center – Practical Suggestions for the Rural Surgeon	GEN, PED, RUS, TRA	157A	1.5				T
4:15-5:45	PS338 📺🔊	Regionalization of Surgical Oncology Care: Pros and Cons	GEN, HP, RUS	157BC	1.5				C
4:15-5:45	SF328	Trauma VI	TRA	102AB	1.5		N/A		T
4:15-5:45	SF329	Bariatric/Foregut IV	BTR, GEN	107ABC	1.5		N/A		MBS
4:15-5:45	SF330	Colon and Rectal Surgery VI	CRS	109AB	1.5		N/A		
4:15-5:45	SF331	General Surgery VIII	GEN	161	1.5		N/A		
4:15-5:45	SF332	Health Services Research VIII	HP	153ABC	1.5		N/A		
4:15-5:45	VE311	Hepatobiliary Surgery II	GEN	251	1.5				

Thursday, October 25, 2018

Time	Course Code	Course Title	Track(s)	Location	CME Hours	CME Claimed	Self-Assess. Earned	Credits Reg. Man.	Credits ACS Rqmts.
7:00-7:45	TH402	Best Practices in Recruitment and Retention	BTR, RES-MED, RUS	258ABC	0.0		N/A		
7:00-7:45	TH403	Postoperative Pain Control: Strategies to Decrease the Need for Narcotics	EDU, GEN	259AB	0.0		N/A		
8:00-9:30	PS401 📺🔊	Ten Hot Topics in General Surgery	GEN	Ballroom East	1.5				
8:00-9:30	PS402 📺🔊	Opioid-Sparing Practices in Surgery: Acute Management of Postoperative Surgical Pain (Part 1)	CTS, EDU, GEN, HP, TRA	160BC	1.5			OPM	
8:00-9:30	PS403 📺🔊	Are We Doing Too Many Bilateral Mastectomies?	GEN, ONC	258ABC	1.5				BST, C
8:00-9:30	PS404 📺🔊	Ten Hot Topics in Surgical Patient Safety	EDU, GEN, TRA	157BC	1.5			PtS	
8:00-9:30	PS405 📺🔊	Molecular Profiling to Guide Cardiac and Thoracic Surgery	BTR, CTS, ONC	259AB	1.5				C
8:00-9:30	PS406 📺🔊	Ergonomic Injuries: Assessing the Extent of the Problem and Options for Improvement	GEN, NEU, RES-MED, RUS	153ABC	1.5			RM	
8:00-9:30	VE401	Techniques in Robotic Surgery	GEN	160A	1.5			PtS	
8:00-11:15	VE402	Colon and Rectal Surgery II	CRS	156ABC	3.0				
9:45-11:15	PS407 📺🔊	Where Will the Rural Surgeon Work?	HP, RUS	259AB	1.5				
9:45-11:15	PS408 📺🔊	Achieving Optimal Care of Necrotizing Soft-Tissue Infections	GEN, PLA, TRA, URO	Ballroom East	1.5				T
9:45-11:15	PS409 📺🔊	Opioid-Sparing Practices in Surgery: Pain Management for Special Patient Populations (Part 2)	CTS, EDU, GEN, HP, TRA	160BC	1.5			OPM	
9:45-11:15	PS410 📺🔊	Ten Hot Topics in Surgical Oncology	ONC	258ABC	1.5				C
9:45-11:15	PS411 📺🔊	Ten Hot Topics in Health Care Reform	HP	160A	1.5				



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